

ESTABLISHED, 1837

INCORPORATED, 1892

CATALOGUE
OF
COOPERS' TOOLS
INCLUDING
TURPENTINE TOOLS
MANUFACTURED BY
THE L. & I. J. WHITE CO.
EDGE TOOLS
AND MACHINE KNIVES

BUFFALO, N. Y., U. S. A.

1912



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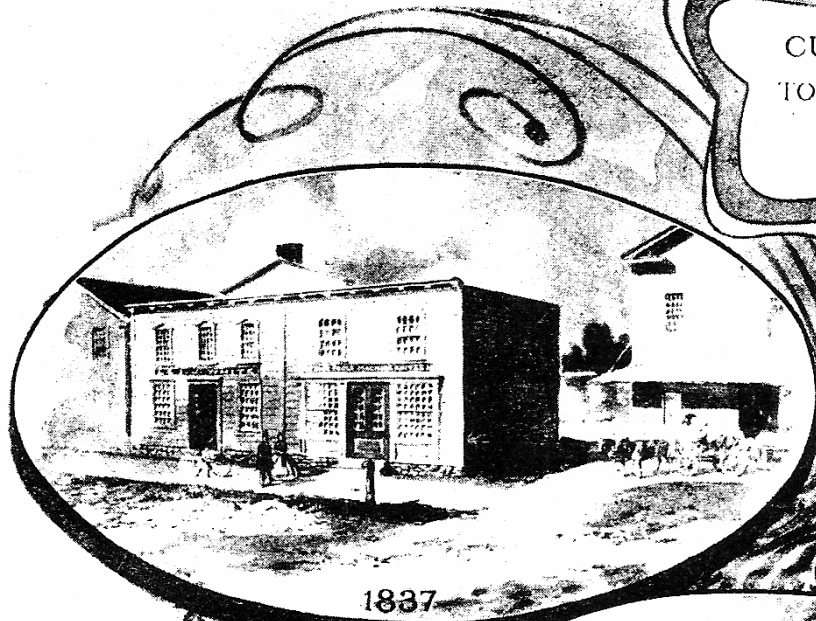
POSTED ON: SEPTEMBER 15, 2020
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ELMA NEW YORK USA

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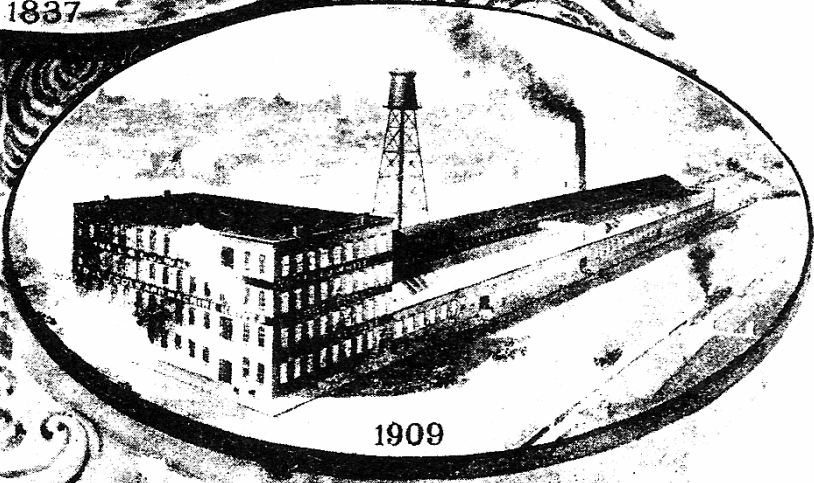


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CUR AIM:
TO MANUFACTURE
THE BEST



1837



1909

THE GROWTH
OF OUR BUSINESS
IS PROOF
OF OUR SUCCESS



The White Trade Mark



"THIS IS THE BRAND
BY WHICH WE STAND"

OUR constant aim is to continue improving this brand, and maintain its reputation as the "STANDARD OF EXCELLENCE." While we appreciate the importance of attractive finishes, as is evidenced by the fine appearance of our Tools, the paramount feature is QUALITY. This we strive to maintain, and by the experience acquired in the past seventy-five years and the installation from time to time of new and up-to-date methods and machinery we have attained great efficiency in producing goods that are PERFECT in every respect.

Respectfully,

THE L. & I. J. WHITE CO.



INSTRUCTIONS IN ORDERING

Please designate the goods desired by giving catalogue numbers, sizes, lengths of blades and weights when necessary. Also state if goods are to be HANDLED and SHARPENED. We will make any special style tools from patterns furnished, when ordered in reasonable quantities. Send sample of article required and quotations will be promptly given.

ELECTROTYPES

We will be pleased to loan to our customers, at any time, such electrotypes as may be required to aid in the preparation of catalogues in which they wish to illustrate our tools.

TERMS

Our terms are net cash 30 days. Past due accounts are subject to sight draft with exchange. Remittances must be made in funds current in New York or Buffalo.

WARRANTY

All goods of our manufacture are finely tempered and fully warranted free from imperfections. Every tool is subject to the most rigid inspection before leaving the factory. Any tools which prove defective in material or manufacture will be REPLACED if returned to us WITHOUT EXPENSE. This does not cover tools which show evidence of long usage, or which have been damaged by misuse.

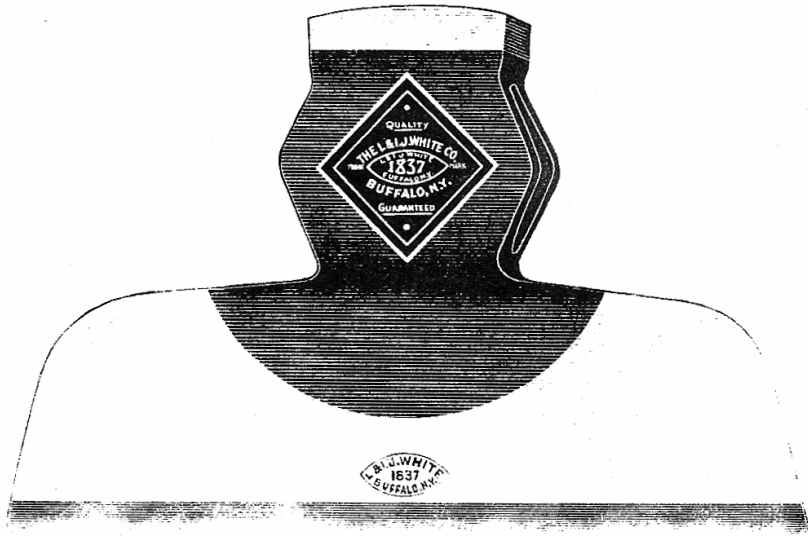


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No. 25-A — Broad Axes — Pennsylvania Pattern

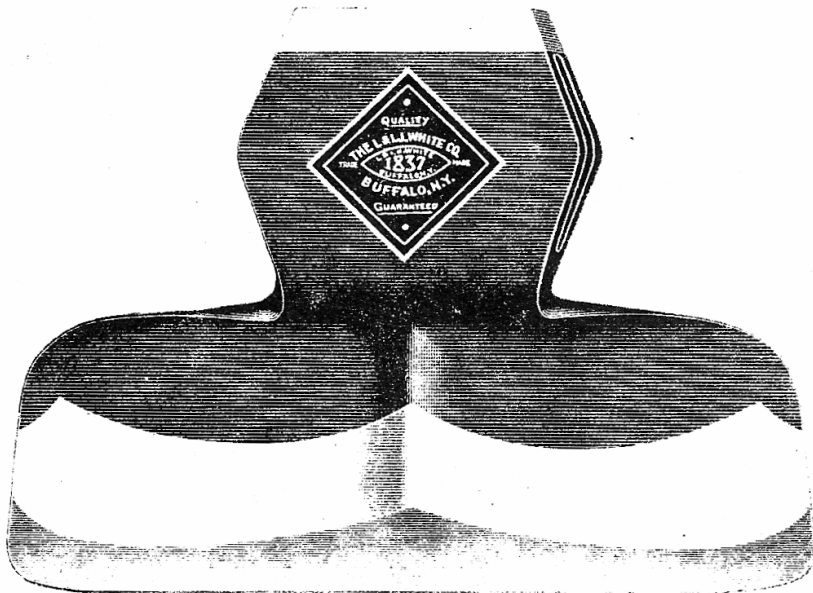


Special Sizes Furnished if Desired

Cut:—Inches	13
List:—Per Doz	\$12.00
Weight:—Lbs.	6

Packed one-half dozen in hardwood box.

No. 25-B Broad Axes Canada Pattern



Cut:—Inches	12
List:—Per Doz	\$45.00
Weight:—Lbs. Any weight up to	10 1/2

Packed one-half dozen in hardwood box.



No. 26-A

Turpentine Broad Axes

Special Design for Tapping Turpentine Trees for Procuring
Turpentine by the New Method.



Special Sizes Furnished if Desired

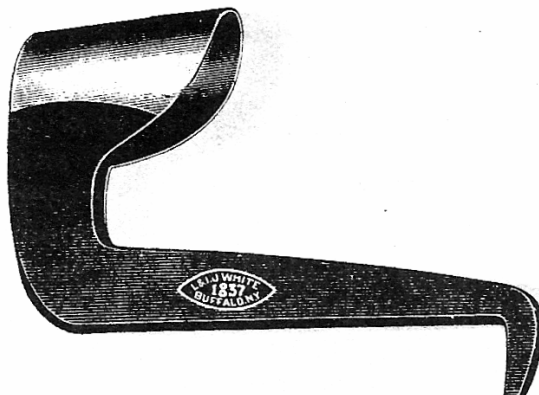
The cutting edges are concave to fit the curvature of the tree, and the heavy polls with reinforced eyes are specially adapted for being driven with a maul.

Cut:—Inches	14 ½
Weight:—Lbs.	9 ¼
List:—Per Doz.	\$57.00

Packed one-half dozen in hardwood box.



No. 26-B HACK



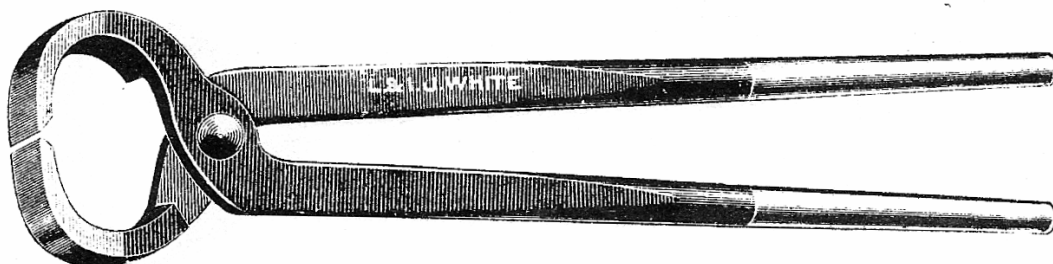
(Closed Pattern Illustrated)

Our Hacks made in either Open or Closed Pattern, as specified, have largely replaced the rough tools heretofore used. High grade steel, tempered to sharpen with round file.

Weight:—Ozs.	20
List:—Per Doz	\$9.00

Packed one dozen in metal edge box.
Heavier weights at slight advances.

No. 26-C Gutter Puller



List: Per Doz.	\$26.00
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Packed one-half dozen in metal edged box.



No. 26-D Turpentine Dipper



List:—No. 1, Per Doz.	\$9.00
List:—No. 2, Per Doz.	9.00

Packed one-half dozen in metal edge box.

No. 26-E Herty Cup Dipper

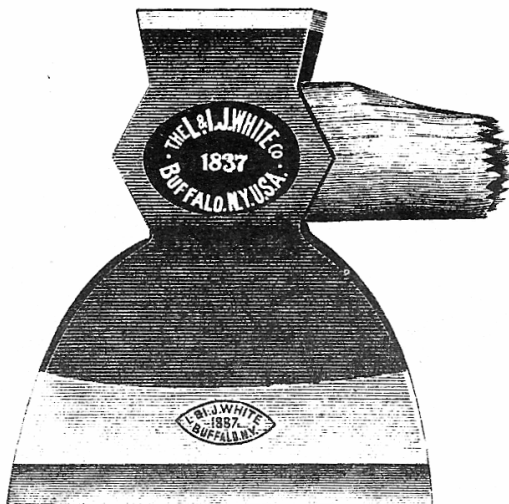


List:—Per Doz.	\$9.00
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Packed one-half dozen in metal edge box.



No. 27 Hand Axes



No.	List Per Doz.	Cut Inches	Wt. Lbs.
1	\$21.00	7 1/2	4
2	18.00	7	3 3/4
3	16.00	6 1/2	3 1/2
4	15.00	6	3 1/4
5	14.00	5 1/2	3
6	13.00	5	2 3/4
7	13.00	4 1/2	2 1/2
8	13.00	4	2 1/4

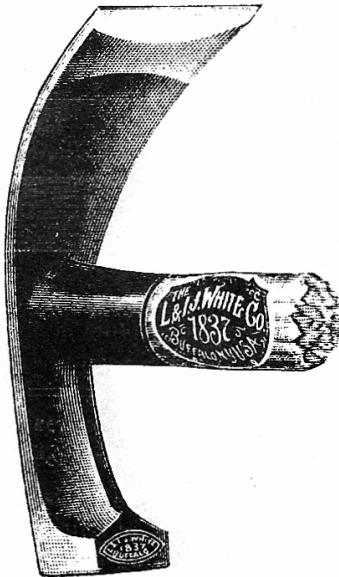
For double bevel add \$1.50 per dozen list.
Half-dozen lots furnished in metal edge boxes.

WHILE this catalogue is devoted to Coopers' Tools, tools for Turpentine Producers' use and some miscellaneous tools, such as Bush Hooks and Bog Hoes, bear in mind that we also make a full line of Edge Tools for Carpenters, Shipwrights and Butchers, also Ice Tools. General catalogues covering these lines sent on request.



No. 80 Coopers' Adzes

Nos. 0, 1 and 1½
are used on tight
barrels.



Nos. 2, 2½ and 3
are used on flour or
(slack) barrels.

Furnished with Selected Applewood Handles and Bolts.

No.	0	1	1½	2	2½	3
List:—Per Doz.	\$33.00	30.00	28.50	27.00	27.00	27.00
Cut:—Inches	3½	3¼	3	2¾	2¾	2½
Weight:—Lbs.	4½	4	3½	3	2¼	2½

Half dozen lots furnished in metal edge boxes.

Coopers' Dubbing Adze

Chicago Pattern

Extra Heavy. Hexagon Eyes.

No.	4	5	6
List:—Per Doz.	\$42.00	42.00	42.00
Weight:—Lbs.	6 to 6½	5 to 5½	6 to 6½
Cut:—Inches	3	3¼	3¼
Size of Head:—	2" sq.	1¾" x 1¾"	
Style of Handles:—	Round Maple	Oval Hickory	

Coopers' Adzes without handles and bolts, \$3.00 per dozen less.

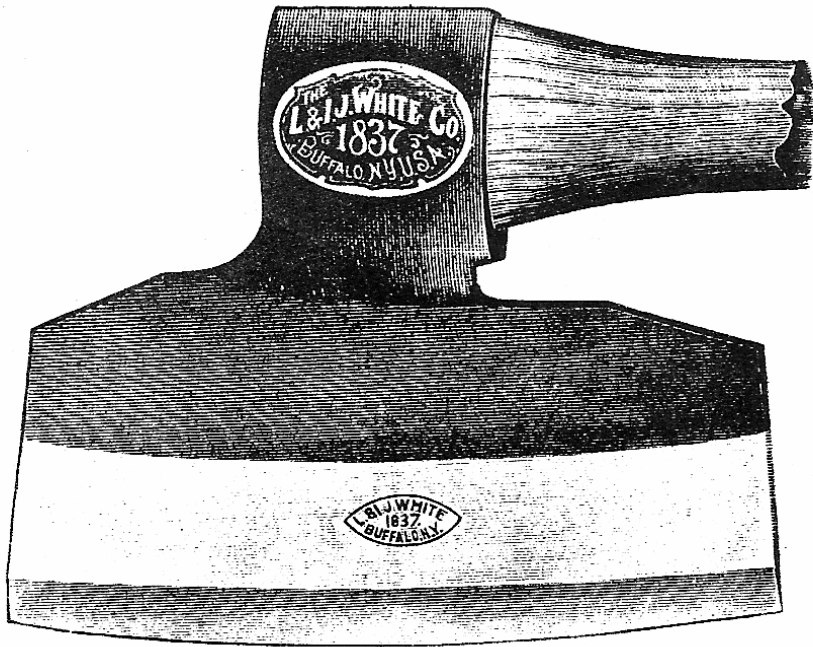
Coopers' Adzes without handles, \$2.00 per dozen less.

For extra fine finish (polished all over), add \$3.00 per dozen list.



No. 81

Coopers' Axes



Furnished with Hickory Handles

No.	0	1	1½	2
List:—Per Doz.	\$39.00	33.00	30.00	27.00
Cut:—Inches	11½	10½	9½	8½
Weight:—Lbs.	6	5½	4½	3¾

Nos. 0, 1 and 1½ are used on tight barrels.

No. 2 is used on flour or (slack) barrels.

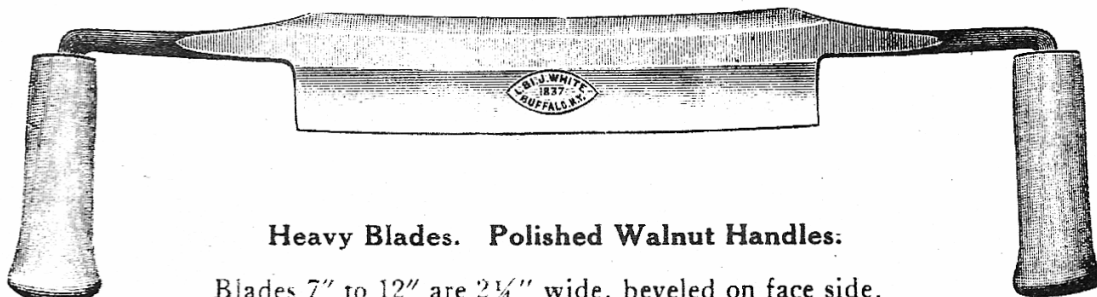
Coopers' Axes without handles, \$3.00 per dozen less.

For extra fine finish (polished all over), add \$3.00 per dozen list.



No. 82

Heading Shaves



Heavy Blades. Polished Walnut Handles:

Blades 7" to 12" are 2¼" wide, beveled on face side.

Blades 14" to 18" are 2½" wide, flat on face side.

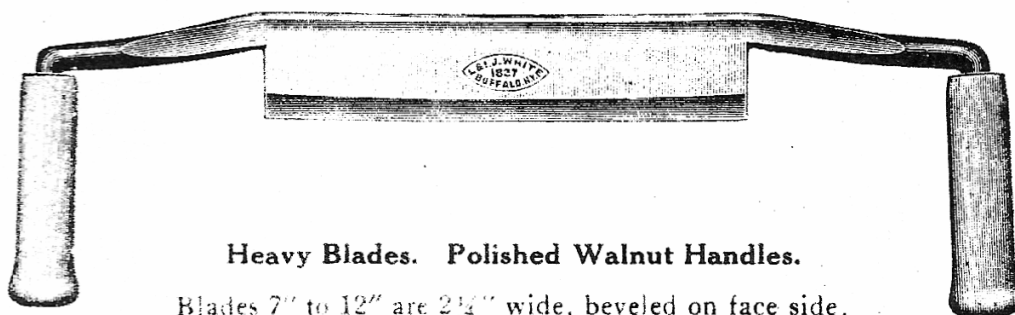
Cut:—Inches	7	8	9	10	11
List:—Per Doz.	\$12.50	14.50	16.50	18.50	20.50
Cut:—Inches	12	14	16	18	
List:—Per Doz.	\$22.50	26.50	30.50	34.50	

Extra handles will be furnished for above at 75 cts. per dozen list.

For handles with polished caps add 50 cts. per dozen list.

No. 82-B

Heading Shaves



Heavy Blades. Polished Walnut Handles.

Blades 7" to 12" are 2¼" wide, beveled on face side.

Blades 14" to 18" are 2½" wide, flat on face side.

Cut:—Inches	7	8	9	10	11
List:—Per Doz.	\$12.50	14.50	16.50	18.50	20.50
Cut:—Inches	12	14	16	18	
List:—Per Doz.	\$22.50	26.50	30.50	34.50	

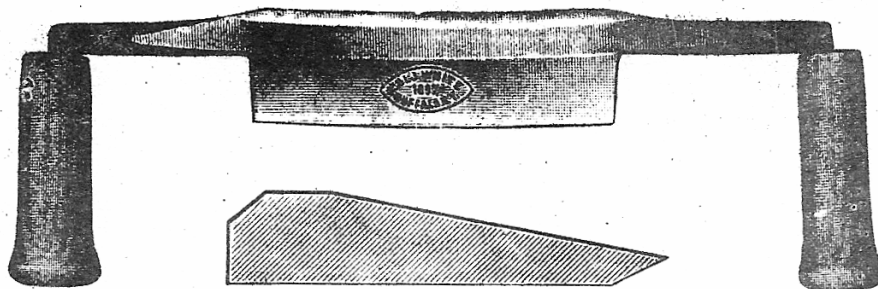
Extra handles will be furnished for above at 75 cts. per dozen list.

For handles with polished caps add 50 cts. per dozen list.



No. 83

Stave Shaves



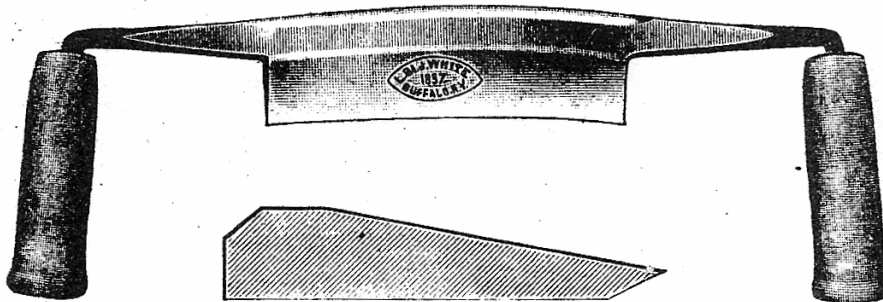
Heavy Blades. $2\frac{1}{4}$ -inch wide. Polished Walnut Handles.

Cut:—Inches	7	8	9
List:—Per Doz.	\$12.50	14.50	16.50

Extra handles will be furnished for above at 75 cts. per dozen list.
For handles with polished caps add 50 cts. per dozen list.

No. 84

Backing Shaves



Heavy Blades. $2\frac{1}{4}$ -inch wide. Polished Walnut Handles.

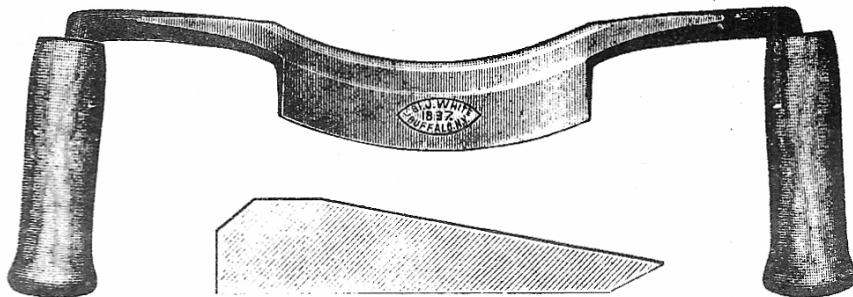
Cut:—Inches	5	6	7	8	9
List:—Per Doz.	\$12.00	12.50	12.50	14.50	16.50

Extra handles will be furnished for above at 75 cts. per dozen list.
For handles with polished caps add 50 cts. per dozen list.



No. 85

Hollowing Shaves



Heavy Blades. Polished Walnut Handles.

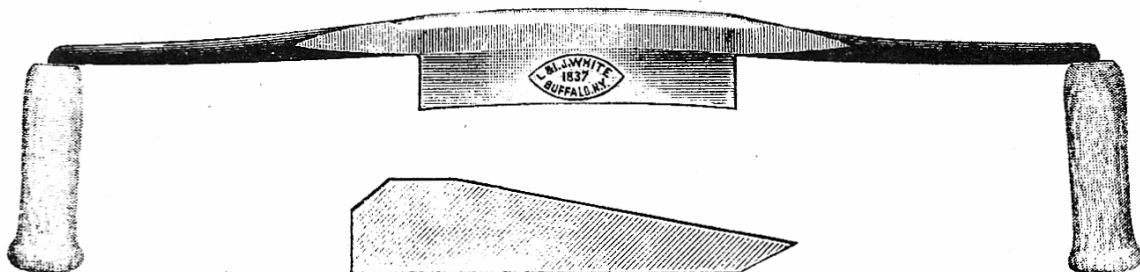
Blades $4\frac{1}{2}$ " to 6" are 2" wide. Blades 7" to 8" are $2\frac{1}{4}$ " wide.

Cut:—Inches	$4\frac{1}{2}$	5	6	7	8
List:—Per Doz.	\$12.00	12.00	12.50	12.50	14.50

Extra handles will be furnished for above at 75 cts. per dozen list.
For handles with polished caps add 50 cts. per dozen list.

No. 86

Shaveup Shaves



Heavy Blades. $2\frac{1}{4}$ -inch wide. Polished Walnut Handles.

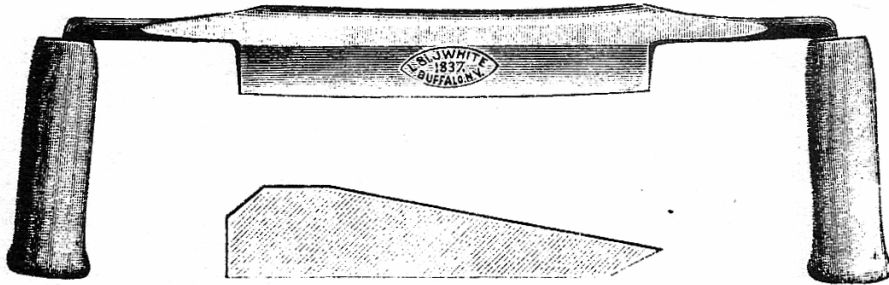
Cut:—Inches	7	8
List:—Per Doz.	\$12.50	14.50

Extra handles will be furnished for above at 75 cts. per dozen list.
For handles with polished caps add 50 cts. per dozen list.



No. 87

Hoop Shaves



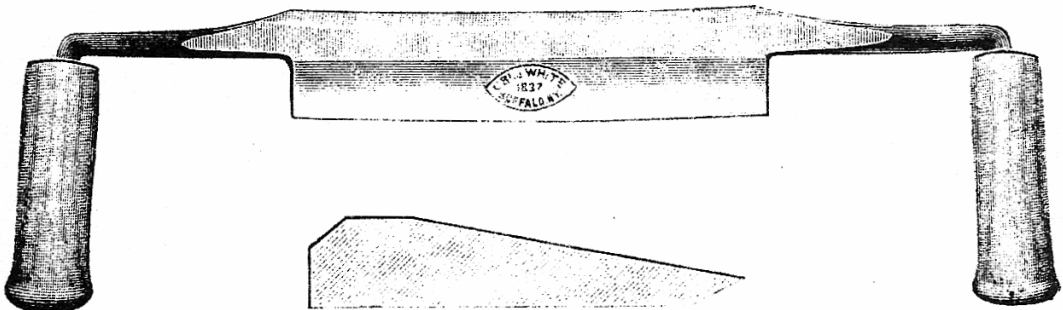
Heavy Blades. 1 $\frac{3}{4}$ -inch wide. Polished Walnut Handles.

Cut:—inches . . .	7	8	9	10
List:—Per Doz. . .	\$11.25	13.25	15.25	17.25
Cut:—Inches . . .	11	12	13	14
List:—Per Doz. . .	\$19.25	21.25	23.25	25.25

Extra handles will be furnished for above at 75 cts. per dozen list.
For handles with polished caps add 50 cts. per dozen list.

No. 88

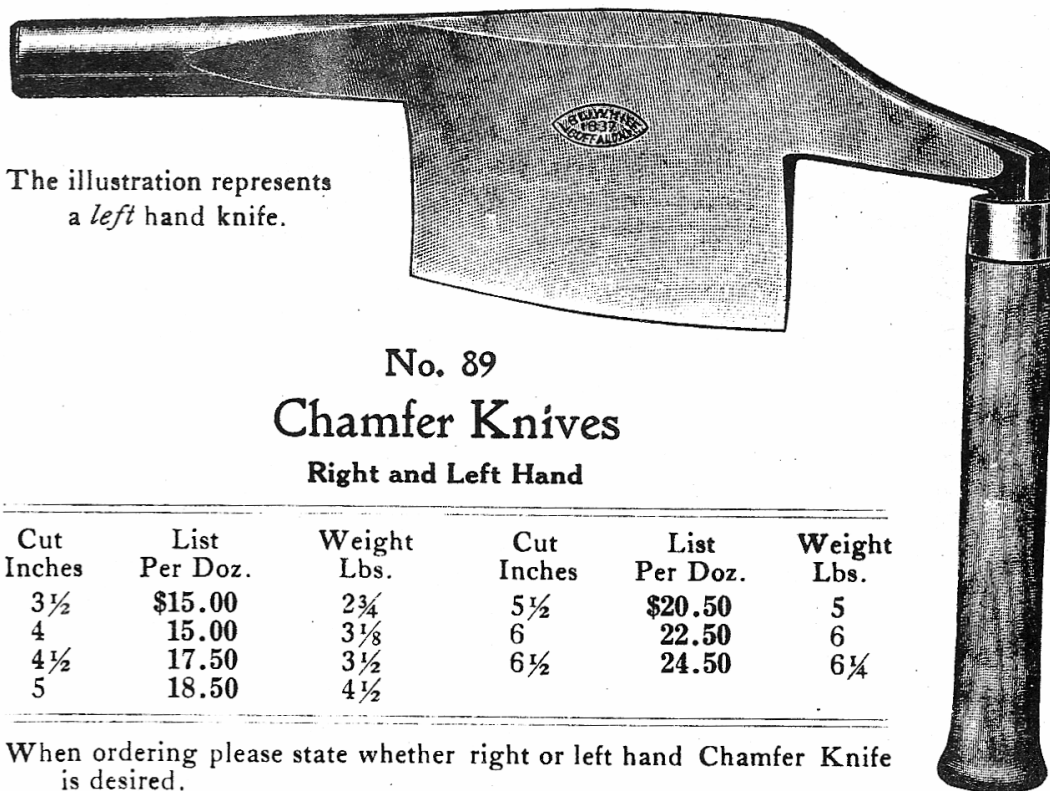
Paring Shaves



Heavy Blades. 2-inch wide. Polished Walnut Handles.

Cut:—Inches . . .	7	8	9	10	12
List:—Per Doz. . .	\$11.25	13.25	15.25	17.25	24.00

Extra handles will be furnished for above at 75 cts. per dozen list.
For handles with polished caps add 50 cts. per dozen list.

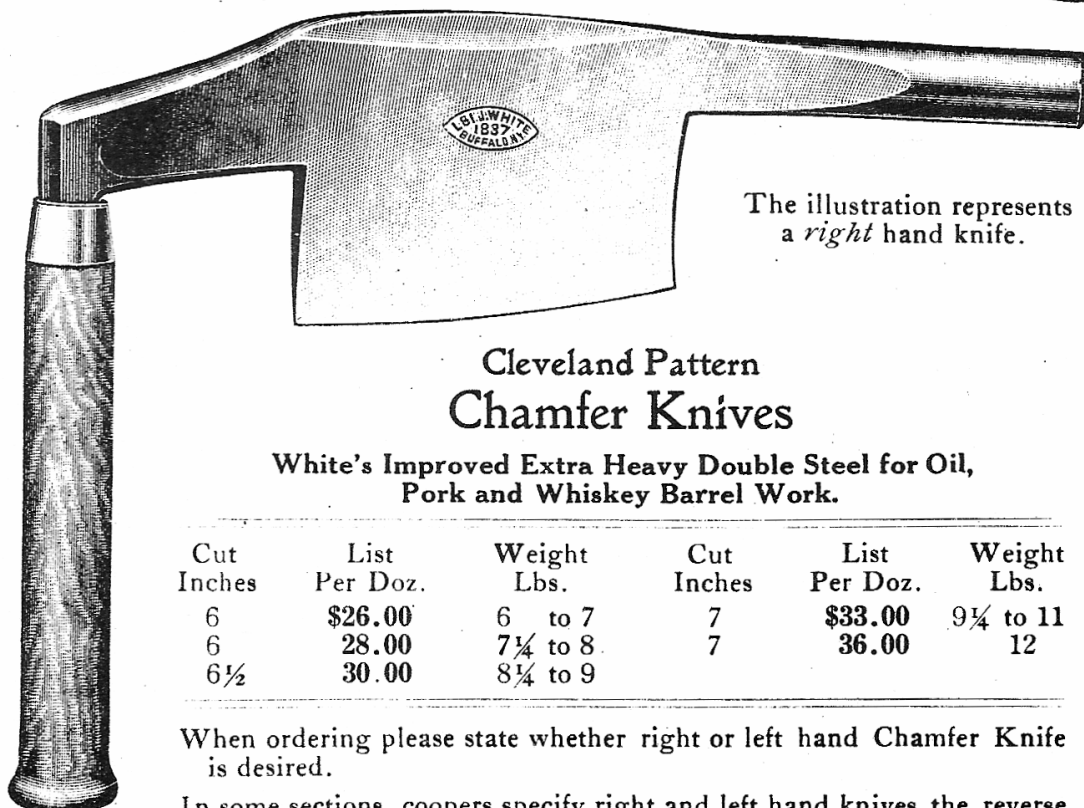


The illustration represents
a *left hand knife*.

No. 89 Chamfer Knives Right and Left Hand

Cut Inches	List Per Doz.	Weight Lbs.	Cut Inches	List Per Doz.	Weight Lbs.
3½	\$15.00	2¾	5½	\$20.50	5
4	15.00	3⅛	6	22.50	6
4½	17.50	3½	6½	24.50	6¼
5	18.50	4½			

When ordering please state whether right or left hand Chamfer Knife is desired.



The illustration represents
a *right hand knife*.

Cleveland Pattern Chamfer Knives

White's Improved Extra Heavy Double Steel for Oil,
Pork and Whiskey Barrel Work.

Cut Inches	List Per Doz.	Weight Lbs.	Cut Inches	List Per Doz.	Weight Lbs.
6	\$26.00	6 to 7	7	\$33.00	9¼ to 11
6	28.00	7¼ to 8	7	36.00	12
6½	30.00	8¼ to 9			

When ordering please state whether right or left hand Chamfer Knife is desired.

In some sections, coopers specify right and left hand knives the reverse of the above. In ordering, therefore, it is best to add "wood handle at right" or "wood handle at left" as the case may be.



No. 90 Chamfer Knives

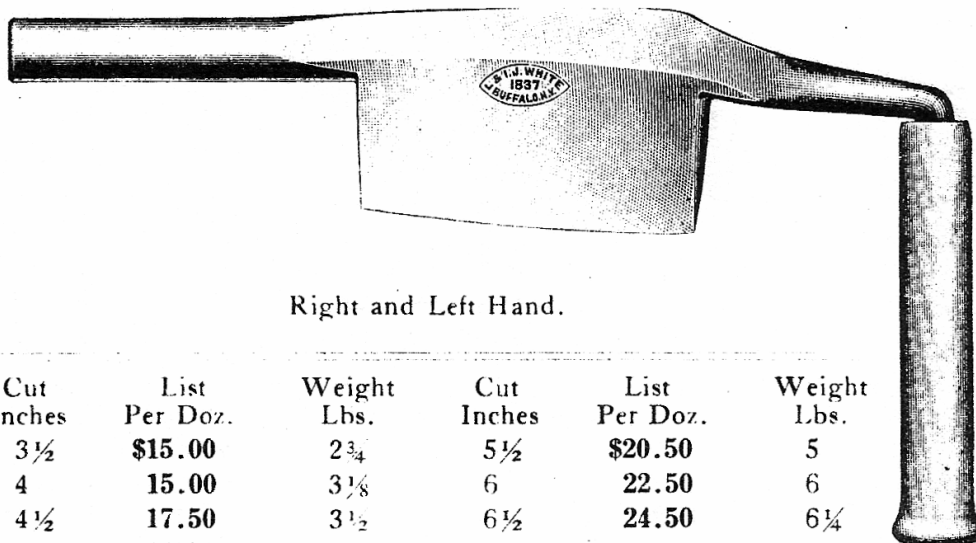


Right Hand.

Extra Heavy. Iron Handles. For Use on Hogsheads.

List:—Per Doz. \$30.00

No. 90-B Howeling Knives



Right and Left Hand.

Cut Inches	List Per Doz.	Weight Lbs.	Cut Inches	List Per Doz.	Weight Lbs.
3½	\$15.00	2¾	5½	\$20.50	5
4	15.00	3¼	6	22.50	6
4½	17.50	3½	6½	24.50	6¼
5	18.50	4½			

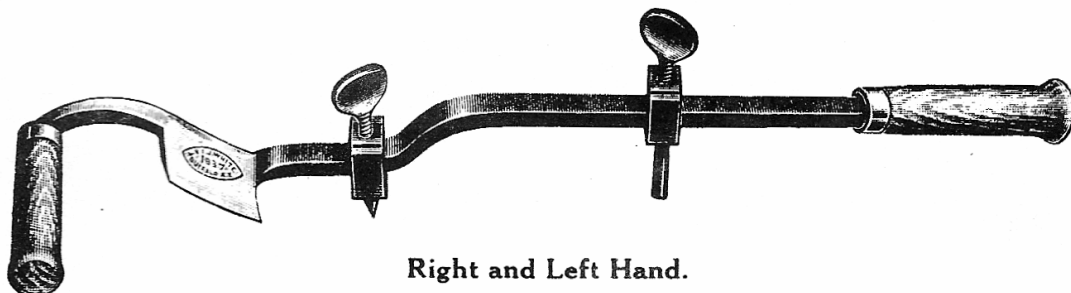
When ordering please state whether right or left hand Howeling Knife is desired. Cut shows what we call a *left hand* knife.

In some sections, coopers specify right and left hand knives the reverse of the above. In ordering, therefore, it is best to add "wood handle at right" or "wood handle at left" as the case may be.



No. 91

Beer Keg Chamfer Knives



Right and Left Hand.

List:—Per Doz. \$42.00

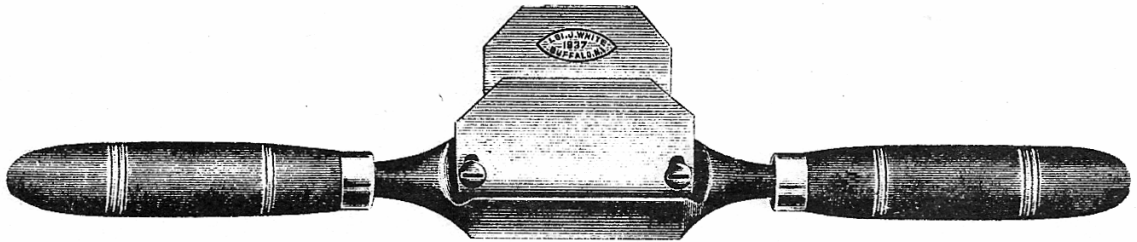
When ordering please state whether right or left hand Chamfer Knife is desired. The illustration represents a *right* hand knife.

OUR Trade Mark on a tool means protection for the seller and for the user. It is an **insurance** against tool trouble and an **assurance** of the most tool satisfaction. ¶ It is a factory trade mark and a real guarantee of satisfaction.



No. 92

Coopers' Spoke Shaves

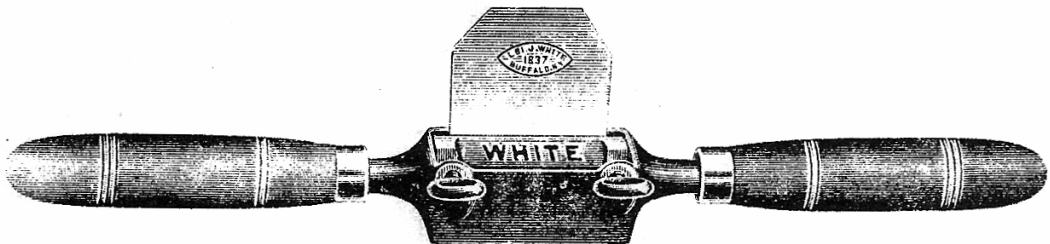


Double Iron. Polished Walnut Handles.

List:—Per Doz. \$15.00

No. 93

Coopers' Spoke Shaves

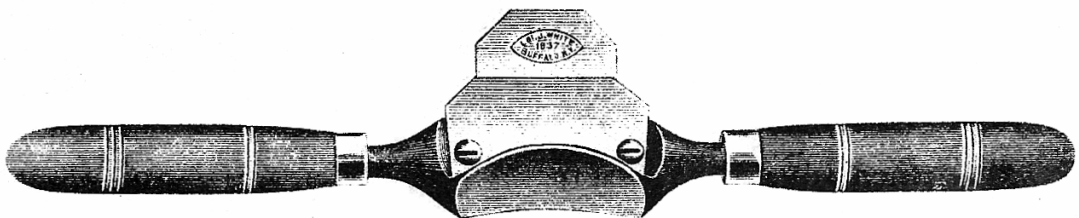


Improved or Cleveland Pattern. Polished Walnut Handles.

List:—Per Doz. \$15.00

No. 94

Keg Spoke Shaves



Double Iron. Polished Walnut Handles.

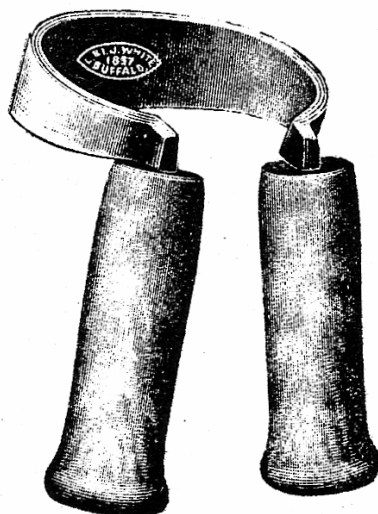
List:—Per Doz. \$15.00

Extra Spoke Shave Handles will be furnished for above at 75 cts. per dozen list.



No. 95

Coopers' Inshaves or Scrapers



Superior Quality. Highly Tempered.

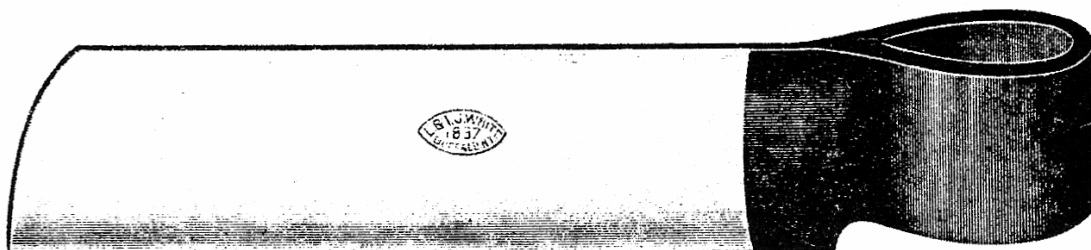
Made in two styles: Single handle, No. 1; Double handle, No. 2.

No.	1	2
List—Per Doz.	\$12.60	12.60

Half dozen lots furnished in metal edge boxes.

No. 96

Coopers' Froes

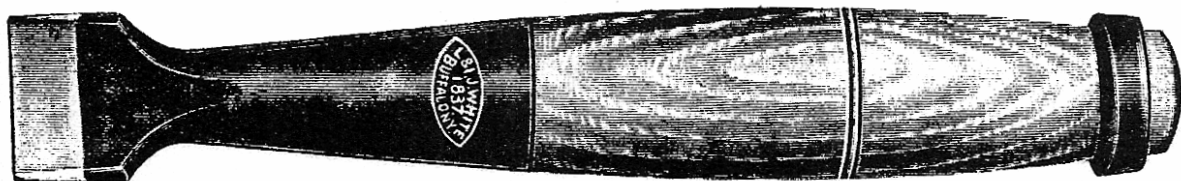


Solid Cast Steel.

Cut—Inches	6	7	8	9
List—Per Doz.	\$9.00	10.50	12.00	13.50
Cut—Inches	10	12	14	16
List—Per Doz.	\$15.00	18.00	21.00	24.00



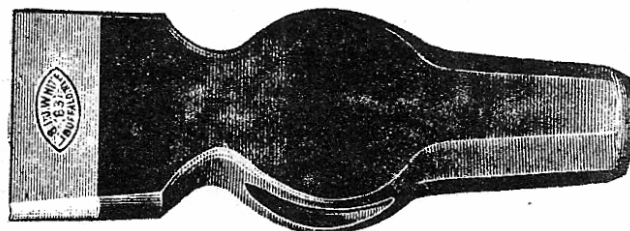
No. 97
Coopers' Socket Drivers



Superior Quality. Highly Tempered.
Furnished with Hickory Handles.

List :—Per doz., \$11.25

No. 98
Coopers' Nantucket Drivers



Superior Quality. Highly Tempered.

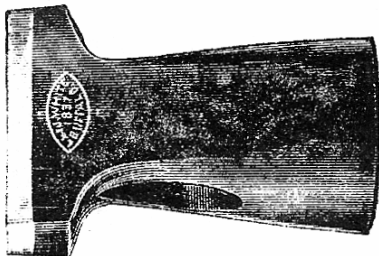
List :— Per doz., (not handled) \$7.50

For hickory handles add \$2.00 per doz. list.



No. 99

Coopers' Short and Oval Drivers



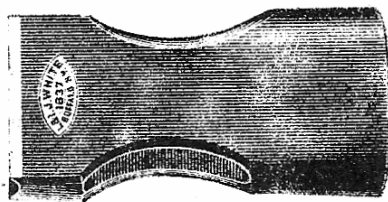
Superior Quality. Highly Tempered.

List:—Per doz., (not handled) 2" to 2½"	\$10.00
" " " " over 2½" to 3"	11.25

For hickory handles add \$2.00 per doz. list.
Half dozen lots furnished in metal edge boxes.

No. 99-B

Coopers' Hoop Drivers



Superior Quality. Highly Tempered.

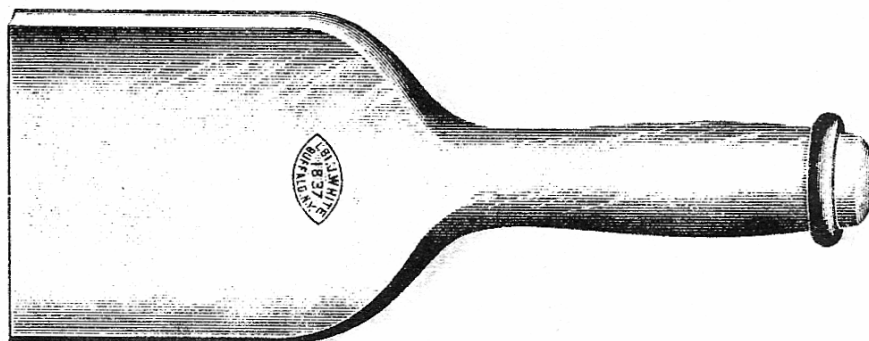
List—Per Doz.. (not handled) 2" to 2½"	\$10.00
" " " " over 2½" to 3"	11.25

For hickory handles add \$2.00 per dozen list.
Half dozen lots furnished in metal edge boxes.



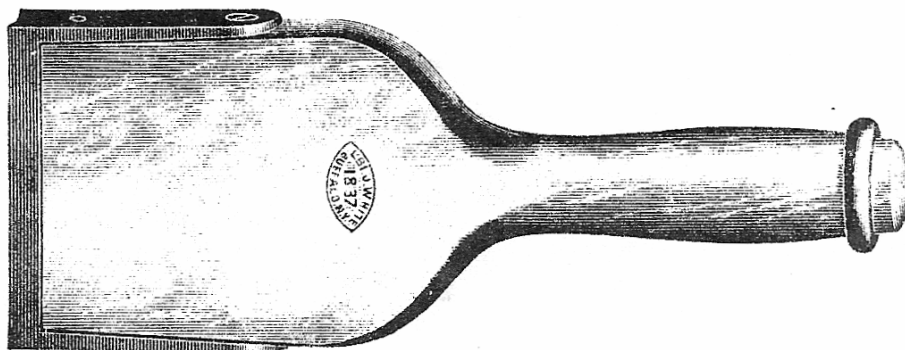
No. 100

Coopers' Hickory Drivers



Furnished with Wrought Iron Rings.

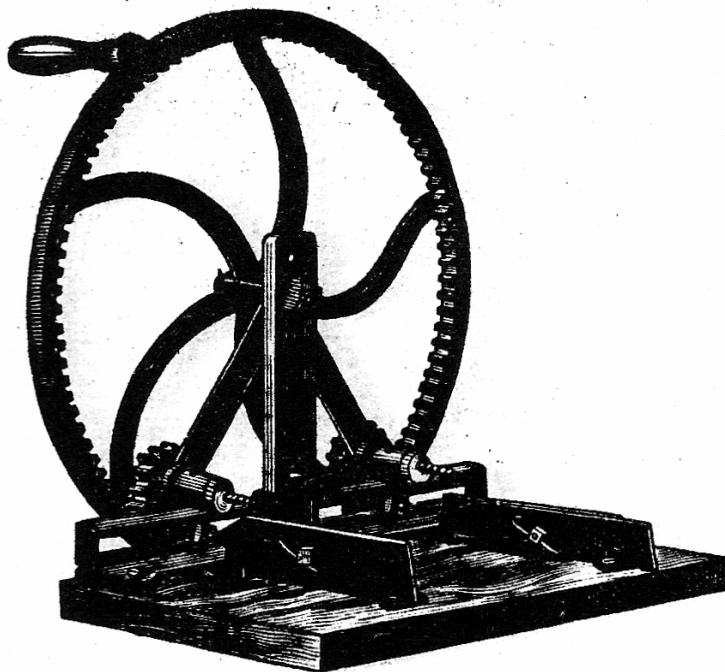
List:—Per Doz. (not finished)	\$3.00
List:—Per Doz. (finished)	4.00



Iron Bound. Furnished with Wrought Iron Rings.

List:—Per Doz.	\$12.50
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No. 101
Coopers' Dowel Machines



List:—Per Doz. \$66.00

TO do the best work and the most
 of it requires the best tools. We
 aim to make the best, and this pur-
 pose has been the moving power of
 our firm for three-quarters of a cen-
 tury. White tools and White service
 are the product of 75 years constant
 effort for improvement.



No. 102

Coopers' Dowel Forms



List:—Per Doz.	\$15.00
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No. 103

Coopers' Machine Dowel Bits



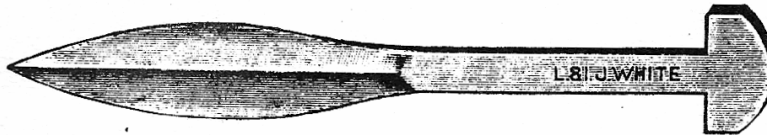
Cut:—Inch	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
List:—Per Doz.	\$4.00	4.50	5.00

Coopers' Dowel Bits for brace, will be furnished at above list prices.



No. 104

Coopers' Raising Irons



8½ Inches Long.

List:—Per Doz.	\$4.80
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No. 105

Coopers' Flagging Irons



Small Size. 20½ Inches Long.

List:—Per Doz.	\$9.00
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No. 106

Coopers' Flagging Irons



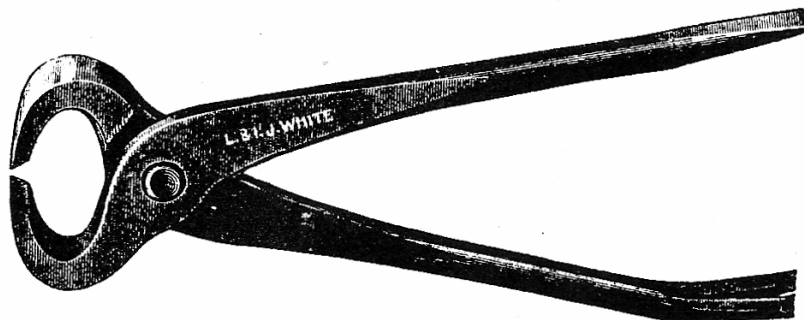
Large Size. 24 Inches Long.

List:—Per Doz.	\$24.00
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No. 107

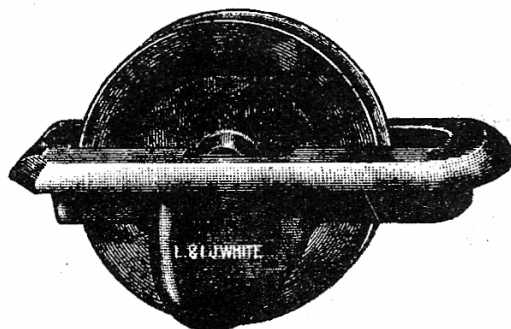
Coopers' Pincers



List:—Per Doz.	\$13.50
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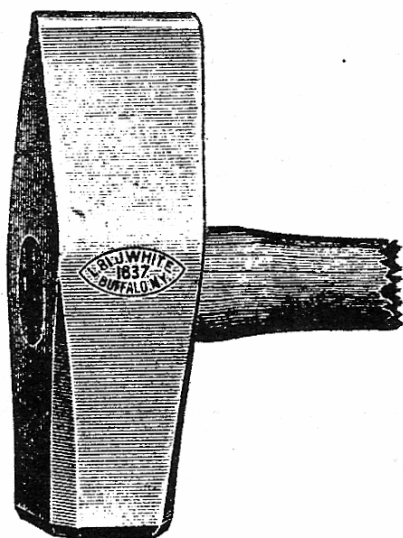
No. 108

Coopers' Pulleys



Improved Style.

List:—Per Doz.	\$6.00
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No. 109

Coopers' Hammers

Solid Cast Steel. Hickory
Handles.

No.	List Per Doz.	Weight Lbs.
1	\$19.00	3
2	19.00	3½
3	22.00	4
4	22.00	4½
5	25.00	5
6	25.00	5½
7	27.00	6
8	27.00	6½

Half dozen lots furnished in metal
edge boxes.

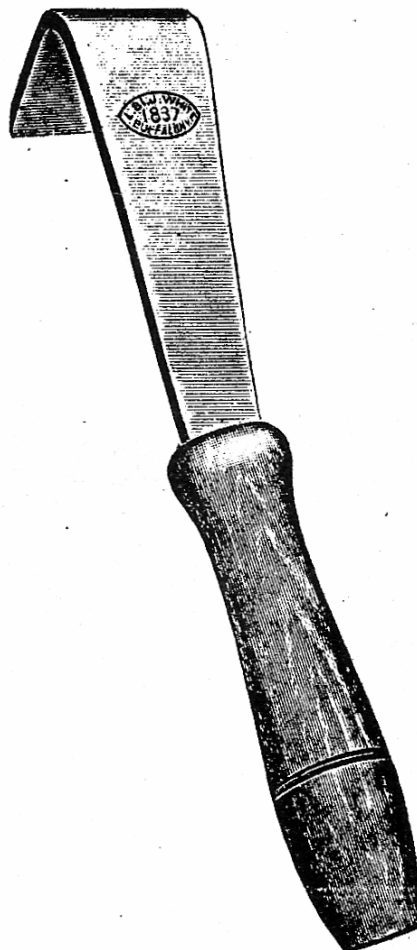
No. 110

Coopers' Scrapers

Superior Quality. Highly
Tempered.

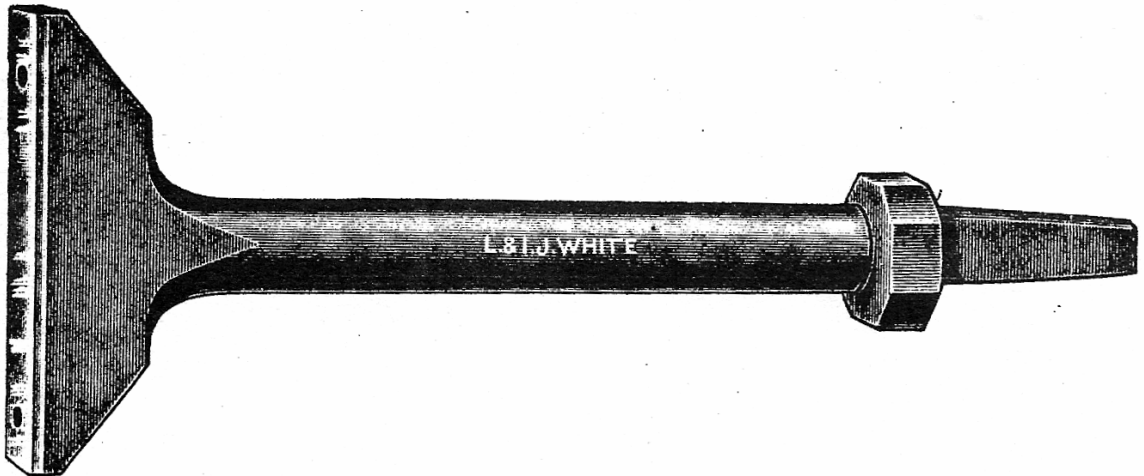
Cut:—Inches	2¼
List:—Per Doz.	\$7.20

Half dozen lots furnished in metal
edge boxes.





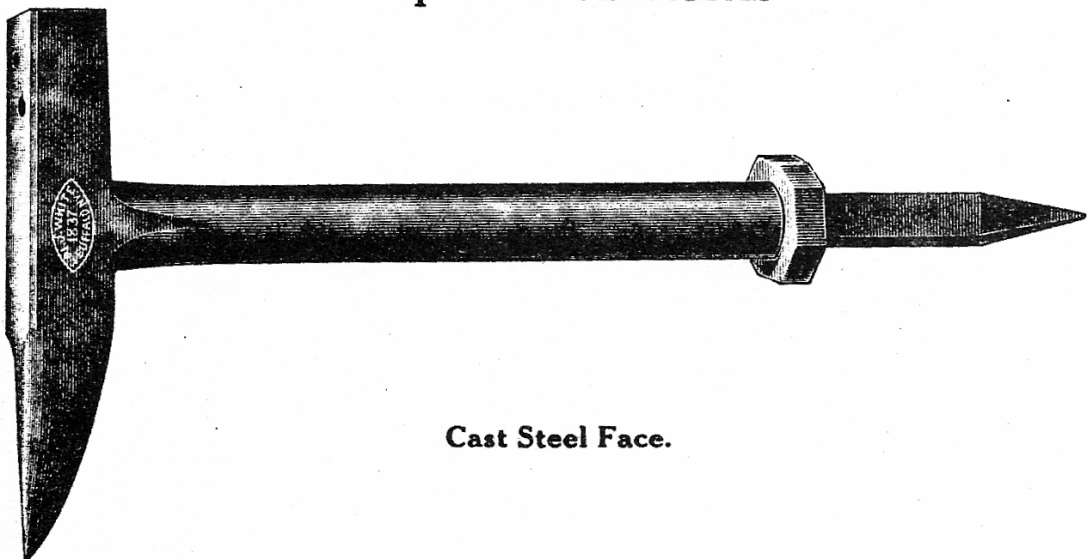
No. 111
Coopers' Anvils



Cast Steel Face

List:—Per Lb.	\$0.30
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No. 112
Coopers' Beakhorns



Cast Steel Face.

List:—Per Lb.	\$0.30
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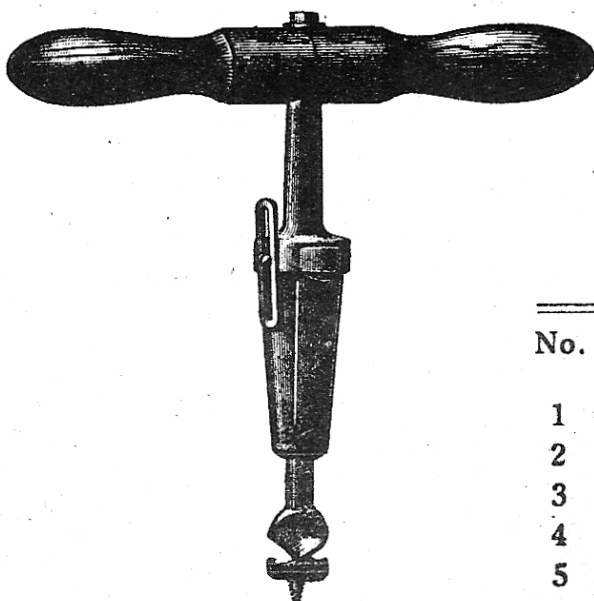
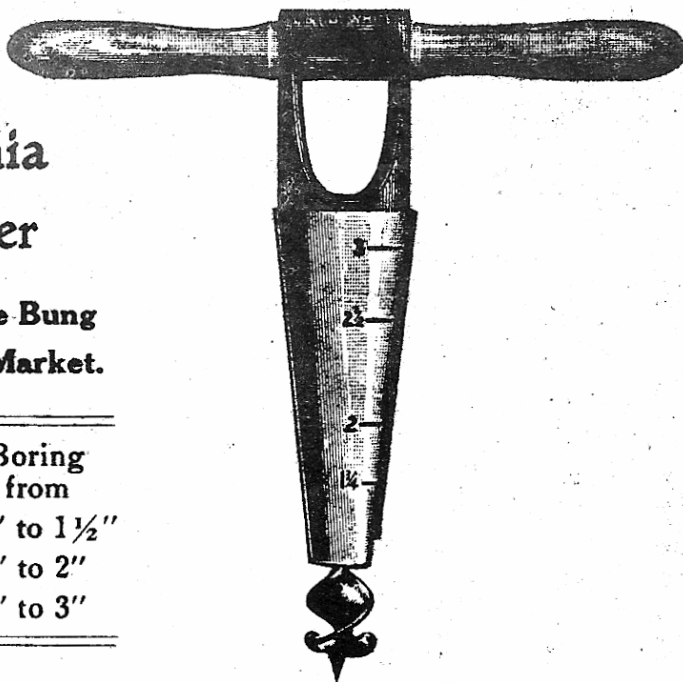
No. 114

Philadelphia Bung Borer

**The Most Complete Bung
Hole Borer on the Market.**

No.	List Per Doz.	Boring from
1	\$22.50	$\frac{5}{8}$ " to $1\frac{1}{2}$ "
2	30.00	$1\frac{1}{8}$ " to 2"
3	45.00	$1\frac{1}{2}$ " to 3"

To sharpen the Stock or
Reamer, file the inside of
slot only.



No. 114-B Kirby Improved Bung Borer and Reamer

No.	List Per Doz.	Boring from
1	\$39.00	1" to $1\frac{3}{8}$ "
2	72.00	$1\frac{1}{8}$ " to $1\frac{3}{4}$ "
3	72.00	$1\frac{3}{8}$ " to 2"
4	78.00	$1\frac{3}{4}$ " to $2\frac{1}{4}$ "
5	84.00	2" to $2\frac{1}{2}$ "
6	90.00	$2\frac{1}{2}$ " to 3"

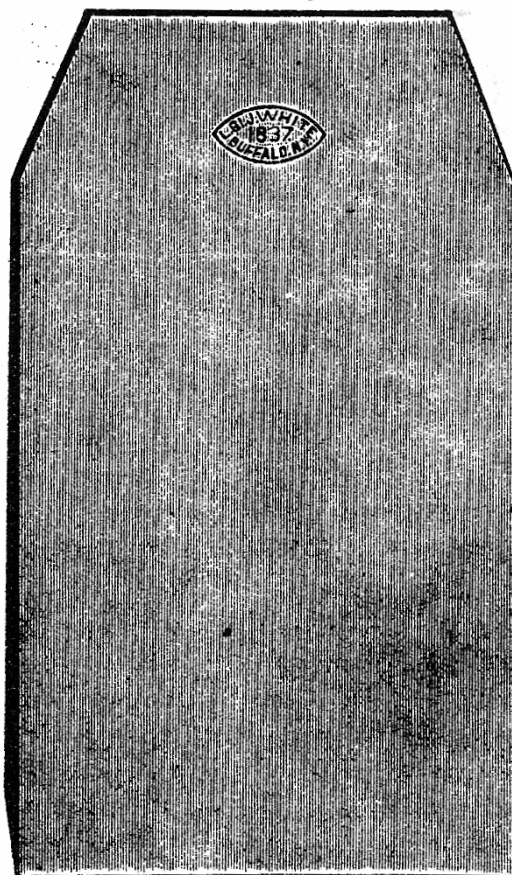
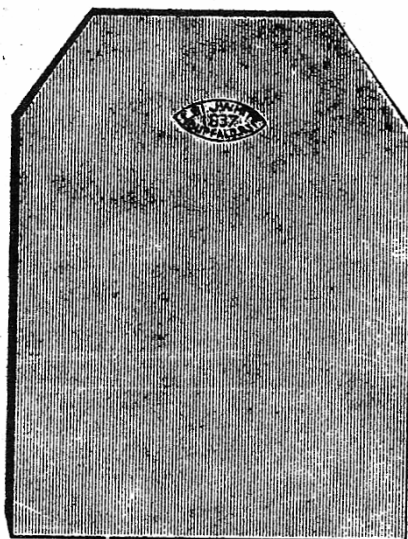


No. 115-A
Coopers'
Spoke Shave Irons

3 Inches Long
Superior Quality. Highly
Tempered.

Cut:—Inches . . .	2 3/8	3
List:—Per Doz. . .	\$3.60	3.60

Half dozen and dozen lots furnished
in metal edge boxes.



No. 115
Coopers'
Float Irons

7 Inches Long.
Superior Quality. Highly
Tempered.

Cut Inches	List Per Doz.
4	\$10.00
4 1/4	10.00
4 1/2	10.00
5	10.00

Half dozen lots furnished in
metal edge boxes.



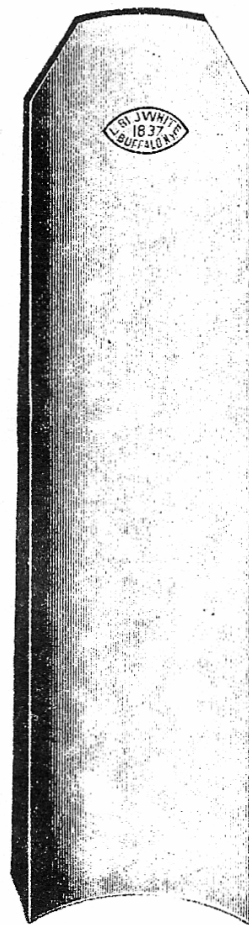
No. 116

Coopers' Howel Irons

Superior Quality. Highly
Tempered.

Cut:—Inches	2
List:—Per Doz.	\$6.00
Length:—Inches	8

Half dozen lots furnished in metal
edge boxes.



USERS of White Tools get results
— good work — time saved —
money gained. Why? Because of
the careful design of the tools, the
use of the best materials and the
greatest care in tempering and fin-
ishing.



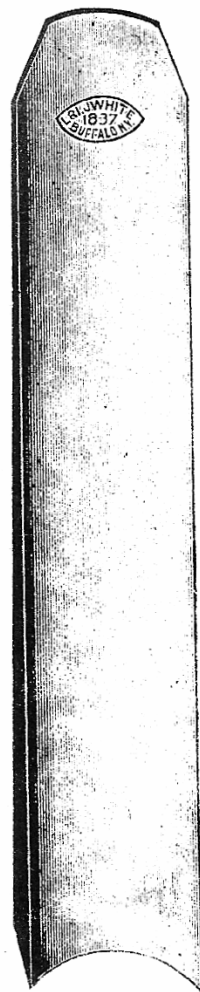
No. 116-A

Coopers' Gouge Howel Irons

Superior Quality. Highly Tempered.

Cut:—Inches	1½
List:—Per Doz.	\$6.00
Length:—Inches	8

Half dozen lots furnished in metal edge boxes.



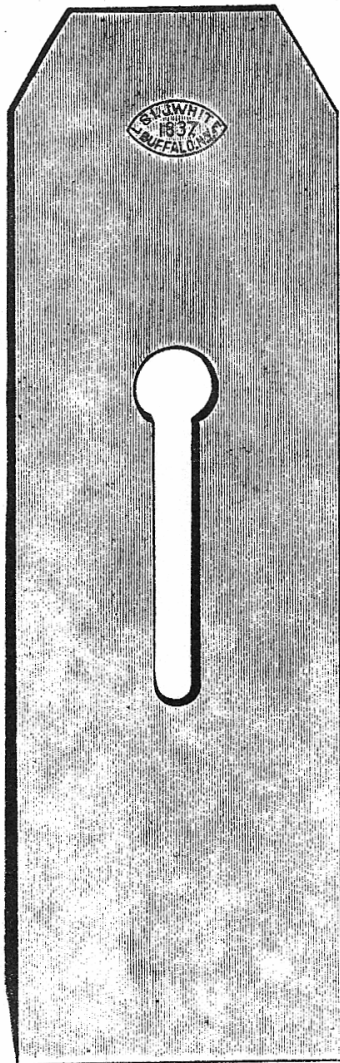
No. 117

Coopers' Leveler Irons

Superior Quality. Highly Tempered

Cut:—Inches	2½
List:—Per Doz.	\$3.25
Length:—Inches	8

Half dozen and dozen lots furnished in metal edge boxes.



No. 117-A Coopers' Single Jointer Irons

10 Inches Long.

Cut Inches	List Per Doz.	Cut Inches	List Per Doz.
2½	\$ 6.75	3½	\$10.50
2¾	8.25	4	12.00
3	9.75	4½	15.00
3¼	10.25		

Half dozen lots furnished in metal edge boxes.

Special sizes furnished if desired.

No. 117-B Coopers' Double Jointer Irons

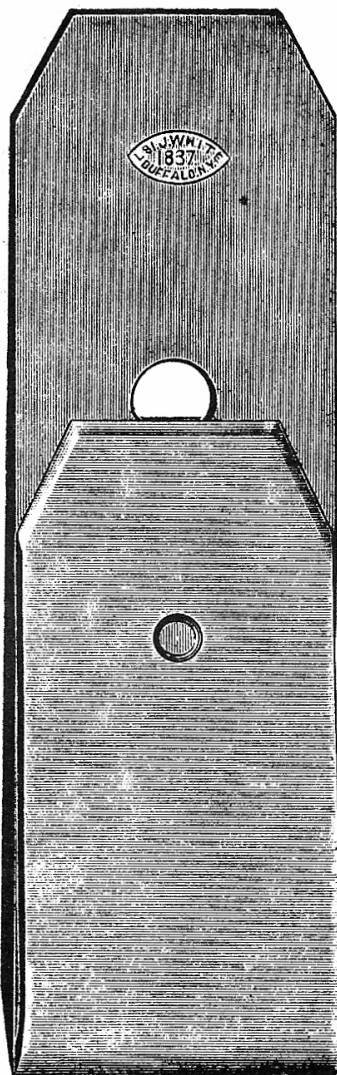
10 Inches Long

Cut Inches	List Per Doz.	Cut Inches	List Per Doz.
2½	\$12.30	3½	\$19.50
2¾	15.15	4	21.00
3	17.00	4½	24.00
3¼	18.25		

For prices on Jointer Iron Caps take the difference between No. 117A and No. 117B.

Half dozen lots furnished in metal edge boxes.

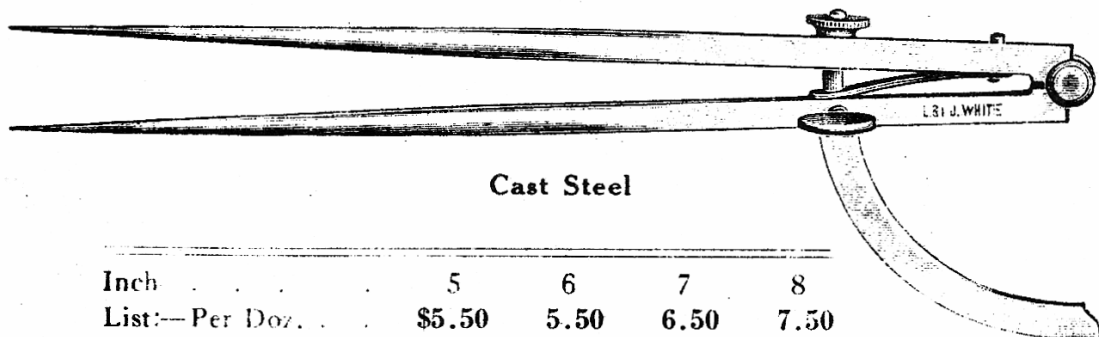
Special sizes furnished if desired.





No. 118

Coopers' Wing Compasses



Cast Steel

Inch	5	6	7	8
List:—Per Doz.	\$5.50	5.50	6.50	7.50

Inch	9	10	12	15
List:—Per Doz.	\$9.00	10.00	12.00	18.00

No. 119

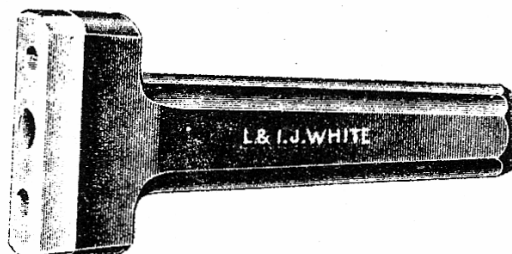
Coopers' Rivet Sets



List:—Per Doz. (Single) \$14.40

No. 120

Coopers' Rivet Sets



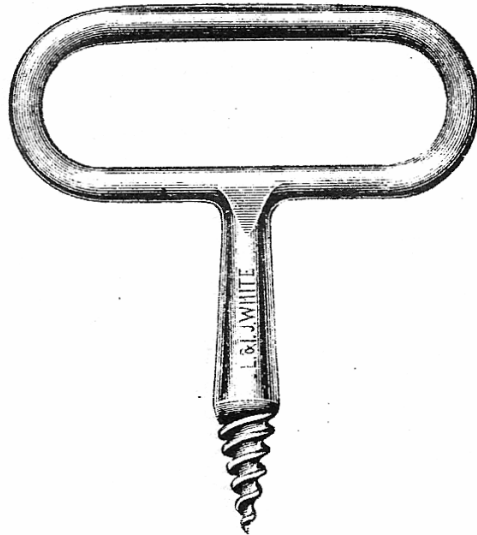
List:—Per Doz. (Double) \$16.80

Half dozen lots furnished in metal edge boxes.



No. 121

Coopers' Vises



List:— Per doz., \$6.00

No. 122

Coopers' Punches



List:— Per doz., \$4.50

No. 123

Coopers' Worm Punches

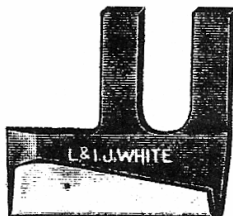


List:— Per doz., \$3.00



No. 124

Coopers' V Irons



Made for No. 129 V Crozes.

List:—Per Doz.	\$3.00
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No. 125

Coopers' V Irons



5½ Inches Long. (Not Warranted.) Made for No. 128
Iron Block Crozes.

List:—Per Doz.	\$5.00
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No. 125-A

Coopers' Square Irons

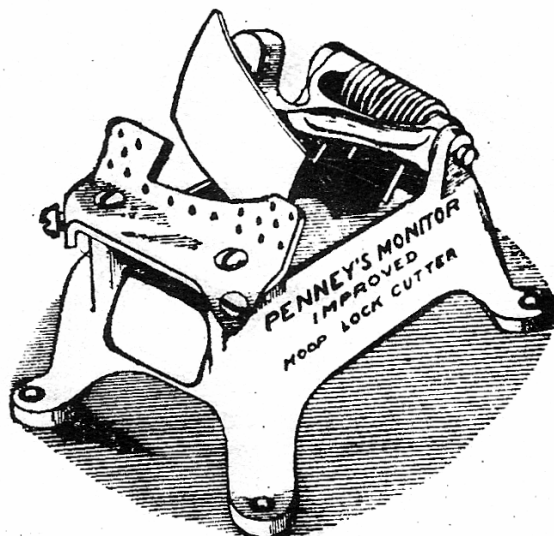


6 Inches Long. Made for No. 127-A Atchison Croze.

List:—Per Doz.	\$9.00
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No. 126-B

Penney Monitor Improved Hoop Lock Cutters

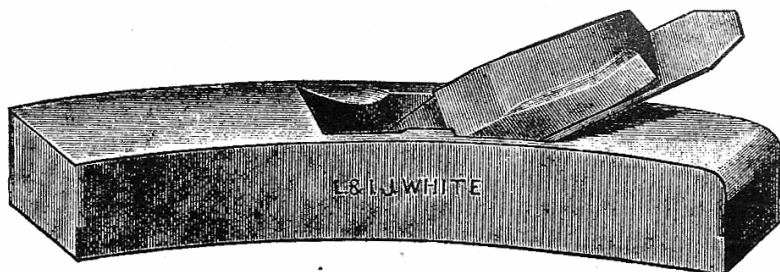


List:—Per Doz. \$96.00

Top knives \$30.00 per dozen. Bottom knives \$18.00 per doz.

WE are always ready to consider the manufacture of special tools and appliances, also metal parts and specialties, providing such goods are required in quantities large enough to justify the design and installation of the special fixtures and apparatus usually needed to produce them economically. Send us your inquiries, and we will advise you promptly.

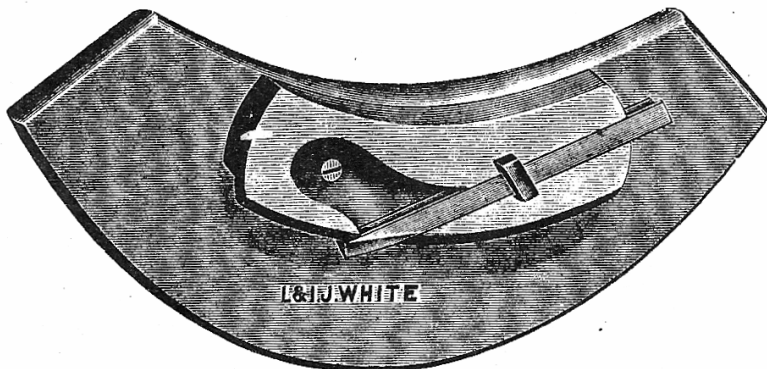
No. 127 Coopers' Levelers



List:—Per Doz. (Beech)	\$10.50
List:—Per Doz. (Applewood)	15.00
List:—Per Doz. (Lignumvitæ)	30.00

Extra Irons will be furnished for above at \$3.25 per dozen list.

No. 127-A Atchison Crozes



**Applewood Board, Solid Lignumvitæ Block, Long Steel Bit.
The Most Practical Croze Made, and Very Popular
With all Coopers.**

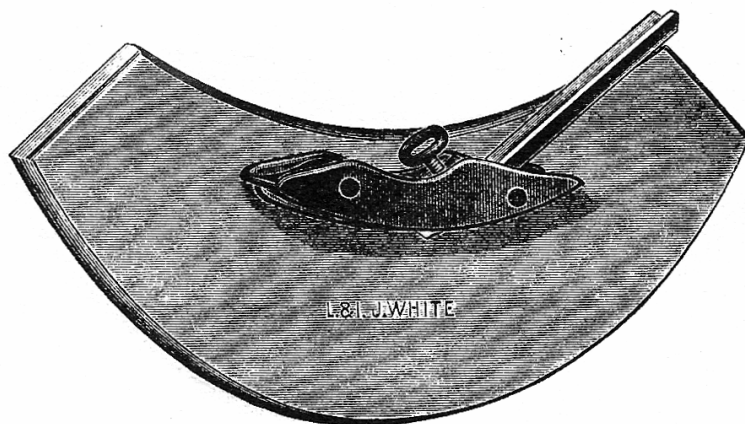
List:—Per Doz. complete (Applewood board and block) . .	\$21.00
List:—Per Doz. complete (Applewood board, Lignumvitæ block)	27.00
List:—Per Doz. complete (Lignumvitæ board and block) . .	45.00

Extra Applewood Boards \$9.00 per dozen list.
 Extra Lignumvitæ Blocks \$9.00 per dozen list.
 Extra Lignumvitæ Boards \$24.00 per dozen list.
 Extra Bits, $\frac{1}{2} \times \frac{1}{2} \times 6\frac{1}{2}$, \$9.00 per dozen list.
 Extra Bolts, for holding bit, \$3.00 per dozen list.



No. 128

Improved Iron Block Crozes

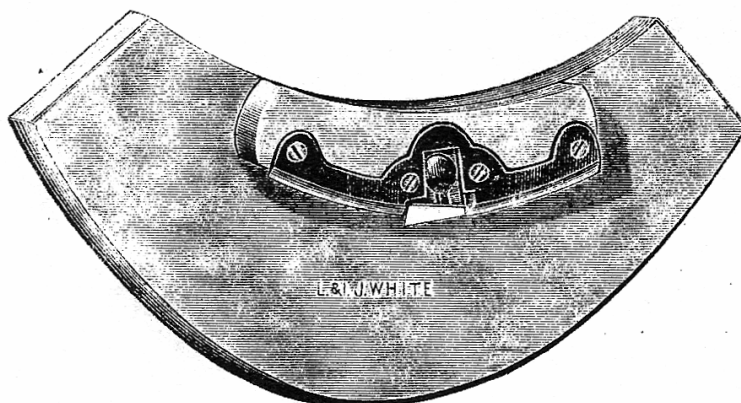


List:—Per Doz. \$18.00

Extra V Irons for above (not warranted) \$5.00 per dozen list.

No. 129

V Crozes



List:—Per Doz. (Beech) \$11.25

List:—Per Doz. (Beech with Brass face) 13.25

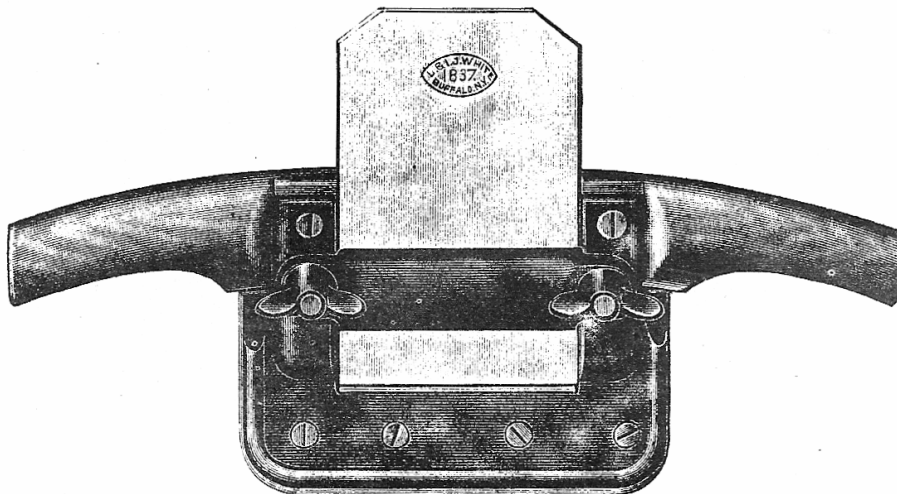
List:—Per Doz. (Applewood) 13.50

List:—Per Doz. (Applewood with Brass face) 15.00

Extra V Irons for above \$3.00 per dozen list.



No. 130
Coopers' Head Floats



Cleveland Pattern. Iron Tops.

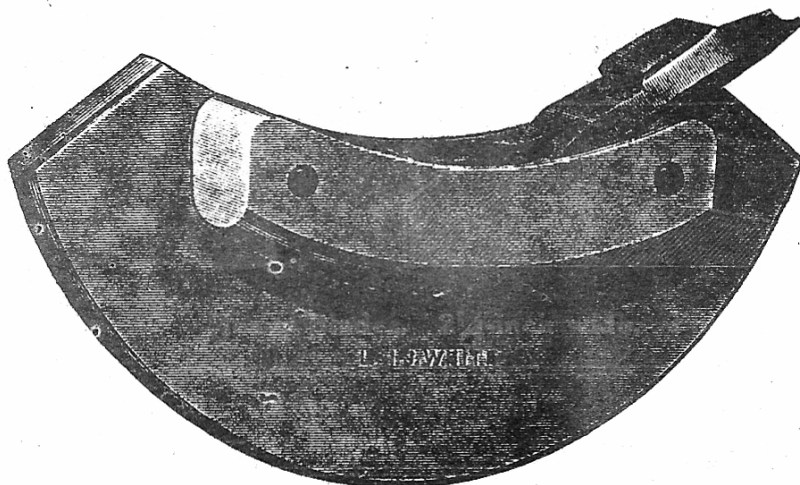
List:—Per Doz. \$42.00

THE lasting qualities of White Tools make them the cheapest in the end. If a tool costs a little more than another make but lasts twice or three times as long, which do you count as having given you the best service? ¶ What you get counts not what you pay.



No. 131

Tight Barrel Howels



List:—Per Doz. (Beech, 2" Iron, 20" circle)	\$17.00
List:—Per Doz. (Applewood, 2" iron, 20" circle)	21.00

Cleveland Pattern Gouge Howels. For Oil and Whiskey Barrel Work.

List:—Per Doz. (Beech, 1½" iron, 21" circle)	\$21.00
List:—Per Doz. (Applewood, 1½" iron, 21" circle)	27.00

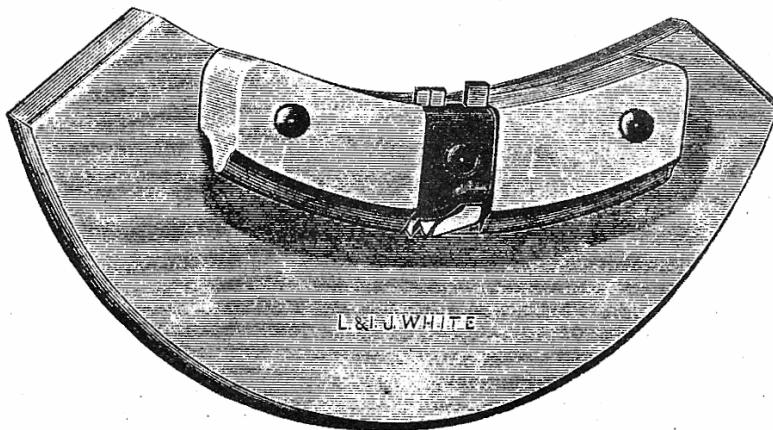
Beer Barrel Howels

List:—Per Doz. (Beech, 2½" iron)	\$24.00
List:—Per Doz. (Applewood, 2½" iron)	27.00

Beer Barrel Howels are used on one-eighth, one-quarter, one-half and whole barrels. When ordering please designate kind desired.

No. 132

Tight Barrel Crozes



List:—Per Doz., Beech, (Tight Barrel)	\$13.50
List:—Per Doz., Applewood, (Tight Barrel)	21.00

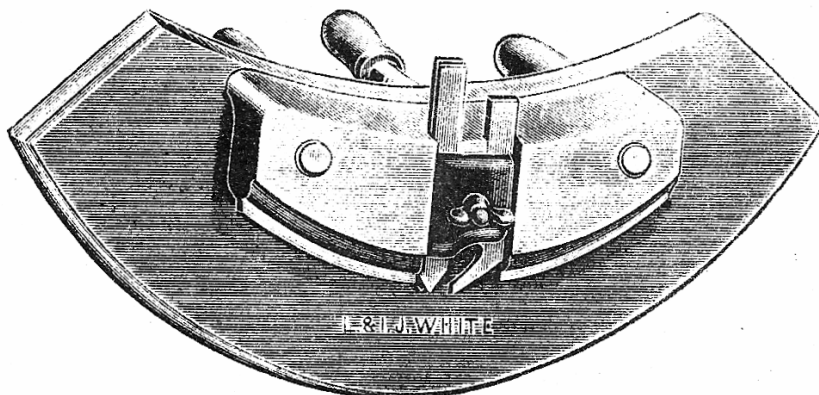
Extra Croze Irons for above, \$3.75 per dozen sets list.

List:—Per Doz., Beech, (Beer Barrel)	\$24.00
List:—Per Doz., Applewood, (Beer Barrel)	27.00

Extra Croze Irons for above \$7.50 per dozen sets list.

No. 132-A

Tight Barrel Shifting Crozes



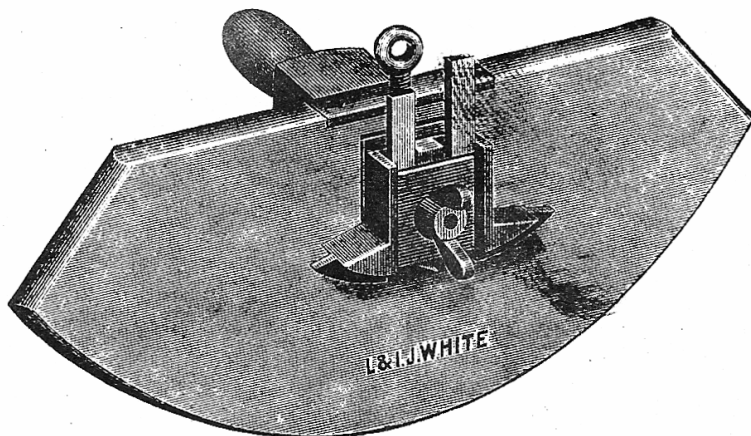
Screw Arms

List:—Per Doz., (Beech)	\$40.00
List:—Per Doz., (Applewood)	50.00



No. 132-B

Post Crozes



Beer Repair Crozes, with Post, for all size packages.

List:—Per Doz. \$36.00

THE White Trade Mark is a factory brand. See that it is on the tools you buy, and so make sure that you are getting both quality and service in your tools, the most for your money. Everything we make is trade-marked and guaranteed.



No. 133

Coopers' Jointers



Single Irons.

3 to 3½ feet long, maple, 2½ inch iron, per doz.	\$19.20
4 to 4½ feet long, maple, 2⅝ inch iron, per doz.	24.00
5 to 5½ feet long, maple, 2¾ inch iron, per doz.	33.00
6 feet long, maple, 2¾ inch iron, per doz.	37.20

Double Irons.

3 to 3½ feet long, maple, 2½ inch iron, per doz.	\$24.00
4 to 4½ feet long, maple, 2⅝ inch iron, per doz.	30.00
5 to 5½ feet long, maple, 2¾ inch iron, per doz.	37.80
6 feet long, maple, 2¾ inch iron, per doz.	52.80

Single Irons.

3 to 3½ feet long, applewood, 2½ inch iron, per doz.	\$33.00
4 to 4½ feet long, applewood, 2⅝ inch iron, per doz.	38.40

Double Irons.

3 to 3½ feet long, applewood, 2½ inch iron, per doz.	\$37.80
4 to 4½ feet long, applewood, 2⅝ inch iron, per doz.	42.00

A pair of Coopers' Jointers consist of one single iron heading and one double iron stave jointer. When ordering state what kinds are wanted, single iron heading, double iron heading, or double iron stave, and maple or applewood.



No. 134

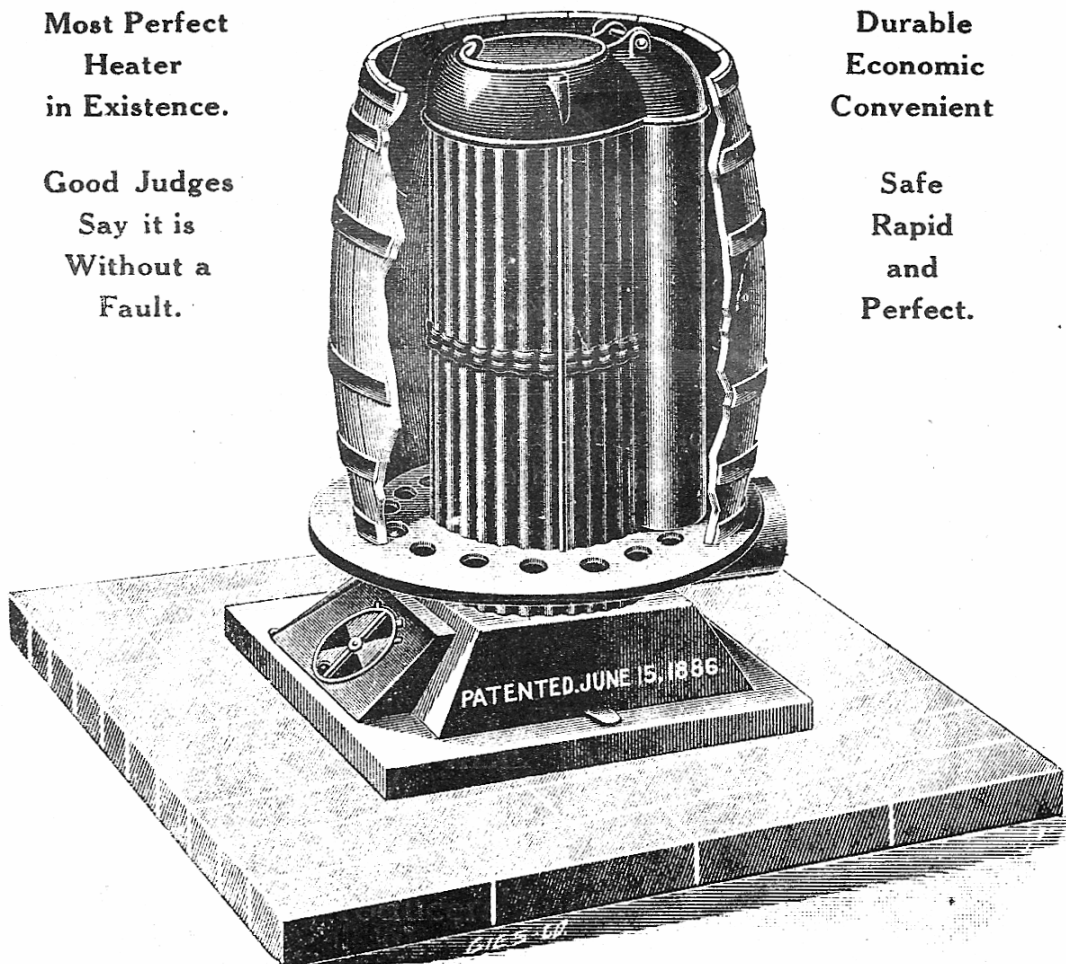
The Improved Excelsior Heater

**Most Perfect
Heater
in Existence.**

**Good Judges
Say it is
Without a
Fault.**

**Durable
Economic
Convenient**

**Safe
Rapid
and
Perfect.**



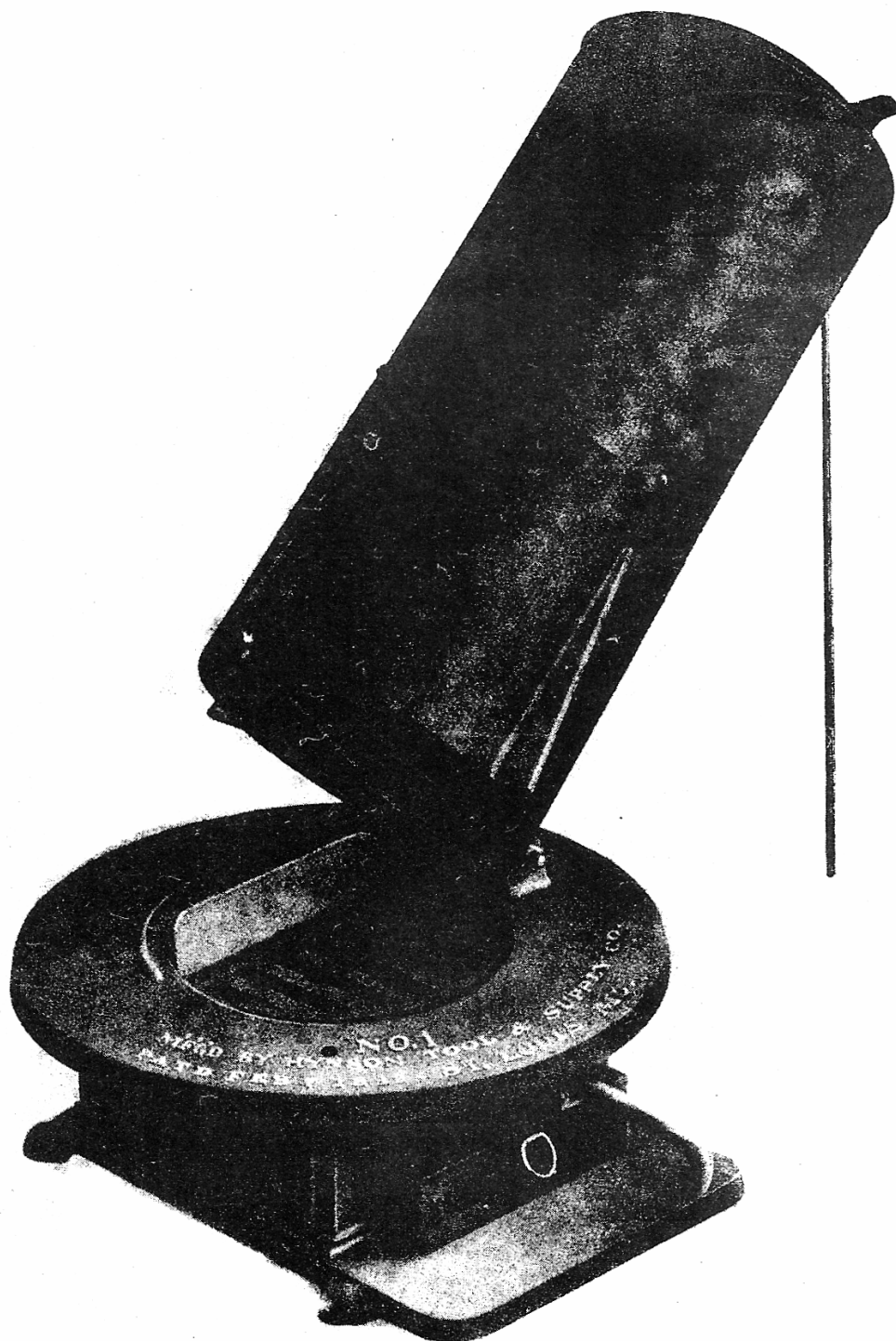
List—Per Doz.

\$180.00

It burns hard or soft coal, coke or wood, does not smoke, and there is no danger from fire; requires very little attention, and every barrel is evenly heated. Will heat more barrels in a given length of time and do it in a more satisfactory manner than any other device known to the trade. One hard coal fire does a day's work. Has a shaking and dumping grate, and draft can be regulated according to its work.



Hynson Champion Barrel Heater



The above shows the Heater tilted over, for Cleaning.



HYNSON BARREL HEATER

This heater is made in three sizes, designated as No. 1, No. 2 and No. 3, but differing only in size. No. 1 is intended for work ranging from 14½ to 22 inch, and is best adapted to shops making nothing smaller than flour or potato barrels, and also for shops making tight work, such as pork, whisky, kraut and oil barrels, etc. The dimensions are as follows: Height of heating drum from base, 28 inches, whole height from floor to top of heater, 35 inches, diameter of fire box and heating drum, 12 inches, diameter of base or platform upon which the barrel rests is 22 inches. All parts in direct contact with the fire are made extra heavy and strong, and the total weight is about 200 pounds.

No. 2 is made like No. 1, with the exception of the fire box and sheet iron heating drum, which is reduced to 11 inches in diameter, thereby adapting it to a wider range of work, and can be used on all sizes from 14 to 22 inches. Shops using several heaters would find one of this size useful and convenient.

Coopers manufacturing different size work, but having use for but one heater, will be best suited with the No. 2 size.

No. 3 is a keg heater adapted for firing kegs from 4 to 10 gallons. Diameter of platform, 16 inches; drum, 8 inches diameter; 16 inches high. Is an exact duplicate of 1 and 2; made heavy and strong; has good draught, works to perfection and just the thing for small casks. It will be found indispensable in every shop making small packages.

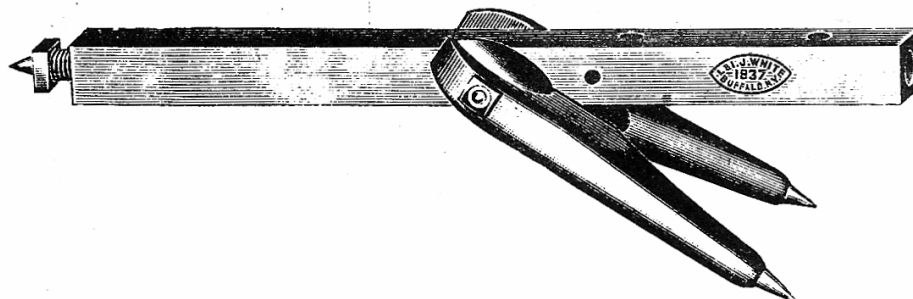
Burns coke, coal or wood. The cleaning is greatly facilitated by means of the hinge. The drum and fire box can be tilted over to facilitate cleaning, and while supported by the swinging leg, ashes, dirt and clinkers can be removed, and heater made ready without trouble or loss of time.

PRICES

No. 1 Champion Heater	\$14.00
No. 2 Champion Heater	14.00
No. 3 Champion Heater, for 8, 10 and 12-gal. kegs	10.00
Reducing rings used in making kegs and half-barrels	1.25
Iron protecting shield, each	1.00
Castings to match broken parts, per lb.08

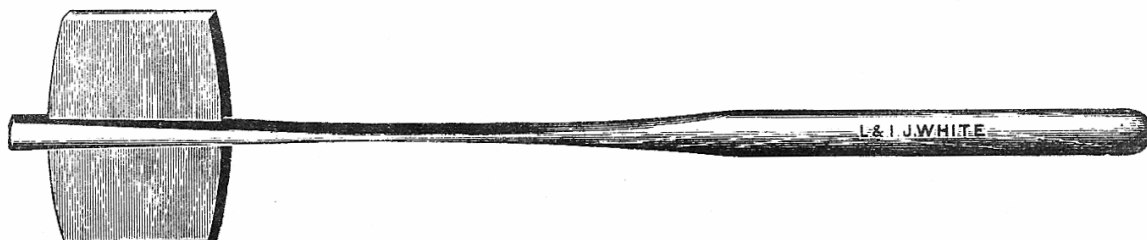


No. 135-C
Beer Keg Knife Rest



List: Per Doz. \$24.00

No. 135-D
Bung Starters



Applewood Start. Hickory Handles.

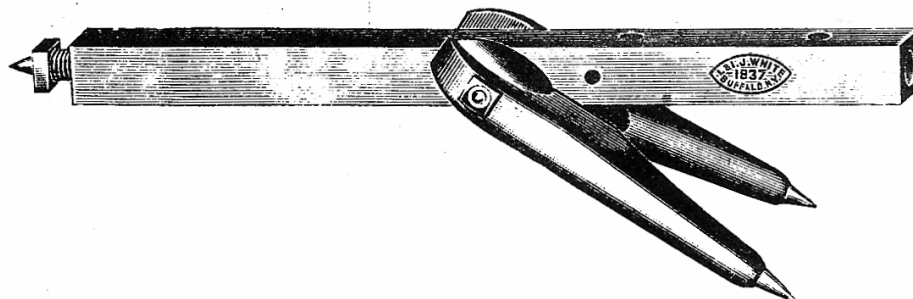
List: Per Doz. \$9.00

Miscellaneous Handles

No. 170	Coopers' Adze Handles, (Applewood)	per doz.	\$2.00
No. 171	" " " " with bolts	" "	3.00
No. 172	" Axe Handles, Hickory	" "	3.00
No. 173	" Spoke Shave Handles, Walnut	" "	.75
No. 174	" Chamfer Knife Handles, Walnut	" "	1.50
No. 175	" Shave Handles, Walnut	" "	.75
No. 176	" " " " with Caps	" "	1.25
No. 177	Draw Knife Handles, Walnut, with Caps and Ferrules,	" "	1.50

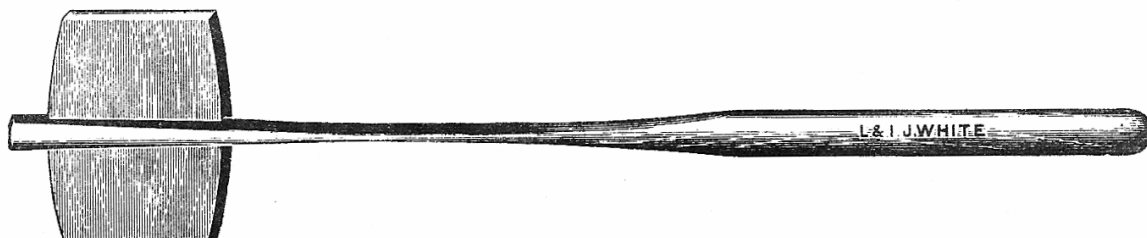


No. 135-C
Beer Keg Knife Rest



List: Per Doz. \$24.00

No. 135-D
Bung Starters



Applewood Start. Hickory Handles.

List: Per Doz. \$9.00

Miscellaneous Handles

No. 170	Coopers' Adze Handles, (Applewood)	per doz.	\$2.00
No. 171	" " " " with bolts	" "	3.00
No. 172	" Axe Handles, Hickory	" "	3.00
No. 173	" Spoke Shave Handles, Walnut	" "	.75
No. 174	" Chamfer Knife Handles, Walnut	" "	1.50
No. 175	" Shave Handles, Walnut	" "	.75
No. 176	" " " " with Caps	" "	1.25
No. 177	Draw Knife Handles, Walnut, with Caps and Ferrules,	" "	1.50



Truss Hoops

Standard Size. 6 Hoops to a Set.

Two Each, Head, Quarter and Bilge.

Head	Quarter	Bilge	Head	Quarter	Bilge
10	11 $\frac{3}{8}$	12	18	20	21 $\frac{1}{4}$
12 $\frac{1}{2}$	14	14 $\frac{3}{4}$	19 $\frac{5}{8}$	21 $\frac{5}{8}$	23
14 $\frac{1}{2}$	16	17	20 $\frac{1}{2}$	22 $\frac{1}{2}$	24
15	16 $\frac{5}{8}$	17 $\frac{5}{8}$	21	23	24 $\frac{1}{4}$
16	17 $\frac{5}{8}$	18 $\frac{5}{8}$	21 $\frac{1}{2}$	23 $\frac{5}{8}$	25
17 $\frac{5}{8}$	19 $\frac{1}{4}$	20 $\frac{1}{4}$			

SIZE OF HOOPS

USED ON	Head	Quarter	Bilge
Flour, Half Barrels	14 $\frac{1}{2}$	16	17
Lime, " "	16	17 $\frac{5}{8}$	18 $\frac{5}{8}$
Half Tight Barrels	16	17 $\frac{5}{8}$	18 $\frac{5}{8}$
Flour " "	17 $\frac{5}{8}$	19 $\frac{1}{4}$	20 $\frac{1}{4}$
Pork " "	18	20	21 $\frac{1}{4}$
Sugar " "	19 $\frac{5}{8}$	21 $\frac{5}{8}$	23
Whiskey " "	20 $\frac{1}{2}$	22 $\frac{1}{2}$	24
Whiskey " "	21	23	24 $\frac{1}{4}$
Oil " "	21	23	24 $\frac{1}{4}$
Turpentine " "	21 $\frac{1}{2}$	23 $\frac{5}{8}$	25

Price List. 6 Hoops to a Set.

List Per Set			List Per Set		
Sizes	No. 1	No. 2	Sizes	No. 1	No. 2
10 to 12"	\$2.70	\$2.40	22 to 25"	\$6.00	\$5.50
12 $\frac{1}{2}$ to 14 $\frac{1}{2}$ "	3.00	2.70	26 to 31"	6.50	6.00
15 to 16"	3.30	3.00	32 to 35"	7.00	6.75
16 $\frac{1}{2}$ to 17 $\frac{5}{8}$ "	3.60	3.00	36 to 39"	8.00	7.50
18 to 19 $\frac{1}{2}$ "	5.50	5.00	40 to 44"	8.50	8.00
20 to 21 $\frac{1}{2}$ "	5.75	5.25	45 to 48"	10.00	9.00

Nailed Hoops 35 cents net per set extra.

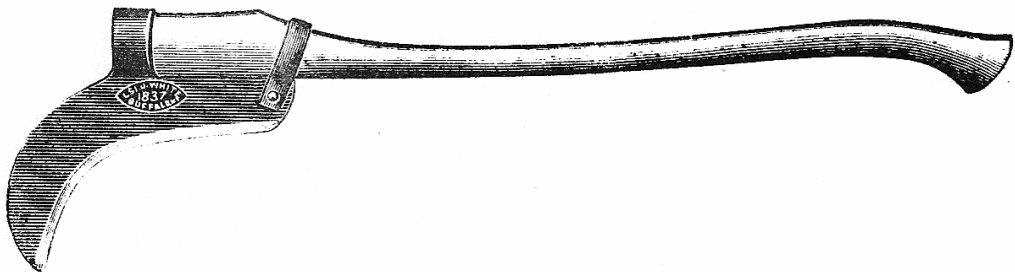
The size of the *Head Hoop* governs the price of a set.

Extra Hoops either Head, Quarter or Bilge, can be secured at one-sixth the above prices.

We can make any size Hoop desired. Be sure to specify size of Head, Quarter and Bilge Hoops when ordering special sets.

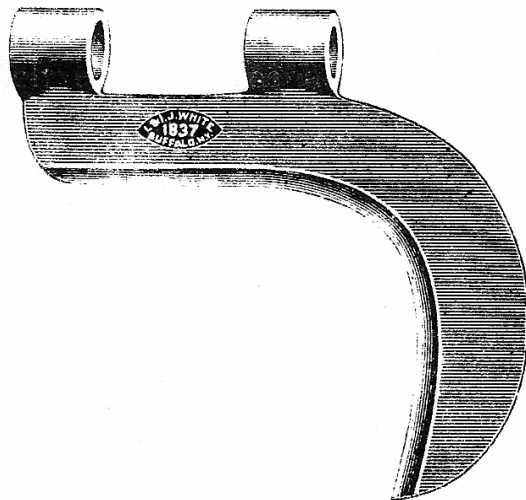


No. 178
Axe Eye Strapped Bush Hook

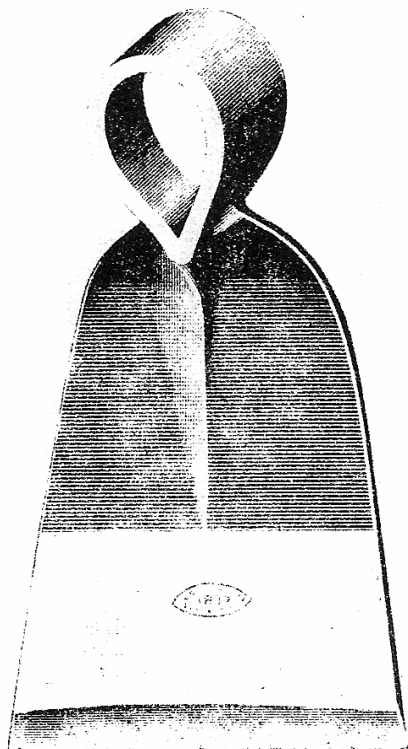


List: Per Doz., Handled	\$19.00
List: Per Doz., Not Handled	16.30

No. 179
Two Ring
Bush Hook



List: Per Doz., Handled	\$20.00
List: Per Doz., Not Handled	17.00



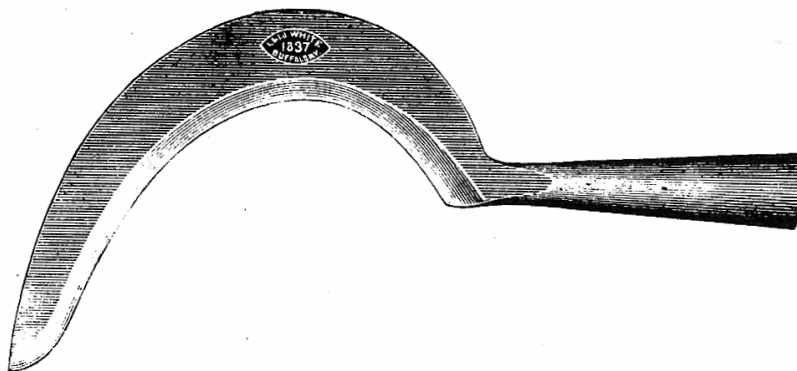
No. 180
Grub Hoes

No.	Cut Inches	Weight	List Price Per Doz.
0	4		\$14.00
1	4 1/2		14.50
2	5		15.00
3	5 1/2		16.00



No. 181

New Orleans Pattern Bush Hook



List:—Per Doz., Not Handled \$16.00

No. 182

Cranberry or Bog Hoes



List:—Per Doz., 6 $\frac{1}{2}$ inch cut \$18.00



Machine Knives

In addition to the Edge Tools shown we manufacture a complete line of MACHINE KNIVES, and have illustrated on the following pages some of the principal styles. Although a full description of the various shapes has not been given, we can furnish any special knives or blades desired, and any temper required.

“WHITE” KNIVES are made from the best selected material, ground to the proper gauge, tempered to the right degree, and finely finished; the undivided efforts, in all stages of their production, combine to maintain their reputation for SUPERIOR QUALITY.

Owing to the large variety of sizes and shapes, it is impossible to issue price-lists, but we will be pleased to quote on all specifications or patterns furnished.



Machine Knives

For Coopers' and Barrel Manufacturers. Tanneries and
Leather Splitters





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